

3 1761 11708353 5







Canada. Marine Sciences Branch

[ General publications ]

[ G-2 ] Oceanographic records from twelve cruises in the Strait of Georgia and Juan de Fuca Strait, 1968, by P.B. Crean and A.B. Ages. 5 v. in 1. 1971














Digitized by the Internet Archive  
in 2023 with funding from  
University of Toronto

<https://archive.org/details/31761117083535>



715  
33 I  
1

**OCEANOGRAPHIC RECORDS  
FROM TWELVE CRUISES IN  
THE STRAIT OF GEORGIA  
AND JUAN DE FUCA STRAIT  
1968**

750

**P.B. Crean  
A.B. Ages**

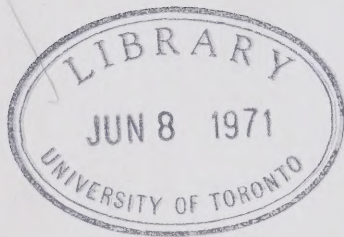
LIBRARY  
JUN 8 1971  
NATIONAL MARINE MUSEUM  
VICTORIA, BRITISH COLUMBIA

5  
**Volume 1 Introduction**

**DEPARTMENT OF ENERGY, MINES AND RESOURCES  
MARINE SCIENCES BRANCH, VICTORIA**



OCEANOGRAPHIC RECORDS  
FROM TWELVE CRUISES IN  
THE STRAIT OF GEORGIA  
AND JUAN DE FUCA STRAIT  
1968



R.B. Cross  
A.B. Agass

Volume 1 Introduction

DEPARTMENT OF ENERGY, MINES AND RESOURCES  
MARINE SCIENCES BRANCH, VICTORIA

## INTRODUCTION

The growth of population and of industry in coastal areas adjoining the Strait of Georgia and the Juan de Fuca Strait emphasizes the need for information pertinent to a variety of problems in waste disposal, fisheries, navigation and coastal engineering.

Although some progress has been made in achieving a qualitative understanding of major oceanographic processes within the system, many aspects remain to be explored. In 1967 an extensive area of common interest led to the inception of a joint program of observations by the Tides and Currents Section of the Canadian Hydrographic Service at Victoria and the Pacific Oceanographic Group of the Fisheries Research Board at Nanaimo.

This program involved the simultaneous recording of the sea levels at some thirty locations, current observations in selected areas, and monthly cruises in which temperatures and salinities, (and at certain stations, oxygens) were measured at standard depths at 79 oceanographic stations throughout the system. These data records are concerned with the latter part of the program.

The primary purpose of the cruise program was to provide density distributions over a seasonal cycle pertinent to circulation studies within the system, in particular with regard to the employment of hydrodynamical numerical techniques. An important feature was the rapid synoptic coverage of both the inner and outer straits and the intervening sill area of strong tidal mixing in the vicinity of the San Juan Archipelago.

Each cruise included 79 oceanographic stations (vid. track chart) and took about 3 days. In the interests of certain fisheries and pollution investigations, observations were also taken in Baynes and Howe Sounds. Oxygen determinations were also made at certain selected stations.

Ten of the twelve cruises were carried out by the C.G.S. Parizeau, the remaining two by the C.G.S. Vector, both vessels being operated by the Department of Energy, Mines and Resources. Station keeping was greatly facilitated by the use of a bow propeller ("Parizeau") or bow thruster ("Vector").

## OBSERVATIONS

Oceanographic Station positions were determined by radar, checked where possible by visual bearings. Regular weather observations are available from a number of locations adjacent to the system. Weather observations obtained



during the cruises were confined to those normally reported in the ship's log.

Surface temperatures, salinities and oxygens were determined from bucket-drawn samples. Nansen bottles equipped with reversing thermometers (Richter and Wiese; Yoshino Keiki) were used to obtain samples and temperatures at depth. Salinities were determined on board using an Autolab Inductive Salinometer (Model 601-2) with a precision of .003%. Oxygen concentrations were also determined on board following a modified Winkler method (Manual of Sea Water Analysis, Strickland and Parsons) with a precision of 0.03 ml/l. Observations were checked and compiled on board ship and in the Victoria Office; they were then forwarded to the Canadian Oceanographic Data Centre in Ottawa for processing. Further details on the machine processing phase of the data reduction and computation are given in the introduction to the data records. (Volumes 11-V)

#### PERSONNEL

Both P.O.G. and E.M.R. staff participated in all cruises. Each watch included two observers and two seamen. The large number of salinity and oxygen samples (resp. 800 and 300) collected in the three cruise days necessitated analysis on board ship. Consequently a scientific staff of eight was a minimum. Double watches were kept on the bridge throughout the cruises. The following staff members participated in the cruises (number of cruises are in brackets):

<u>E.M.R.</u>		<u>P.O.G.</u>
A. Ages (11)	L. Landry (2)	P. Crean (11)
P. Basilewich (3)	D. McIntosh (1)	R. Bigham (6)
J. Bath (2)	R. Pierce (8)	R. Forbes (1)
R. Brown (2)	D. Popejoy (8)	K. Gantzer (4)
A. Cairns (1)	W. Rapatz (1)	L. Giovando (1)
A. Douglas (7)	G. Rogers (1)	H. Hollister (1)
D. de Wolfe (3)	R. Stacey (3)	O. Jorgensen (2)
L. Guptill (3)	R. Tripe (1)	A. Stickland (7)
W. S. Hugget (1)	G. Walske (1)	R. Tripe (2)
		J. Wong (2)

#### University of Washington

M. Johnson (1)

The Master of the "Parizeau" was Captain C. S. Angus and the Master of the "Vector" was Captain C. E. Macaulay.

## DATA RECORDS

These data records cover the twelve monthly cruises in the Strait of Georgia and the Juan de Fuca Strait between December 1967 and December 1968 and are presented in five volumes.

For general reference purposes Figs. 1-48 in Volume I illustrate the longitudinal distributions of temperature, salinity, sigma-t and oxygen along the deepest channel through the system for each of the 12 cruises.

Volumes II to V are data records in the conventional tabular form and show the observed and interpolated values of temperatures, salinities and oxygens, as well as the computed values of sigma-t; sound velocity; and geopotential energy and specific volume anomalies. Bathythermograph observations will be published in a separate volume at a later date.

The arrangement of the Volumes II-V was based on the four seasons, each volume containing three cruises.



SCHEDULE OF CRUISES

<u>Cruise Number</u>	<u>Dates</u>	<u>Ship</u>
002-67	4 - 8 December 1967	Parizeau
001-68	8 - 12 January 1968	Parizeau
002-68	12 - 16 February	Parizeau
003-68	18 - 22 March	Parizeau
004-68	22 - 26 April	Parizeau
005-68	26 - 31 May	Parizeau
006-68	1 - 6 July	Vector
007-68	28 July - 2 August	Vector
008-68	25 - 29 August	Parizeau
009-68	30 September - 4 October	Parizeau
010-68	4 - 8 November	Parizeau
011-68	9 - 13 December	Parizeau



C.S.S. "PARIZEAU"



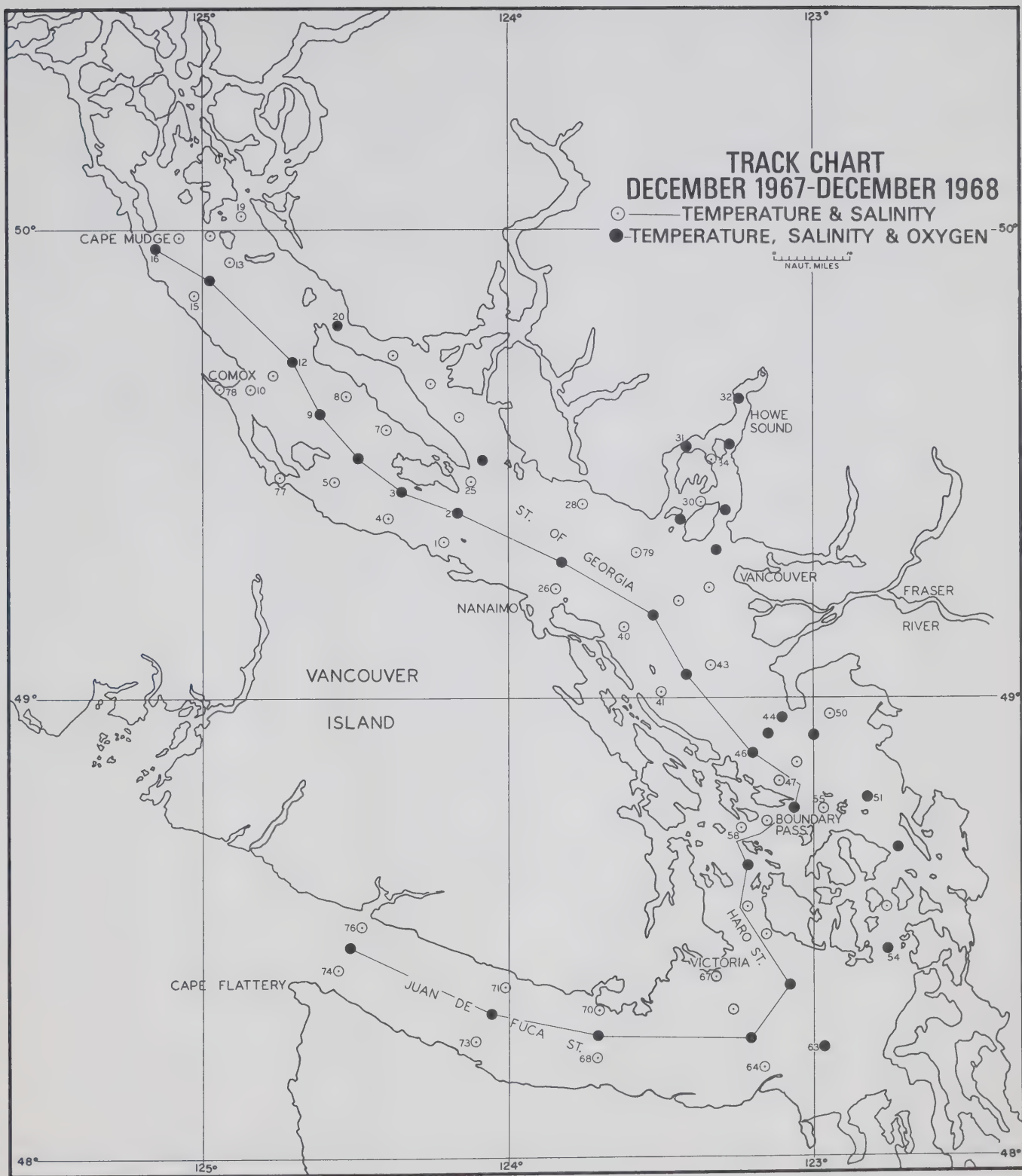




C.S.S. "VECTOR"











## LONGITUDINAL CROSS-SECTIONS





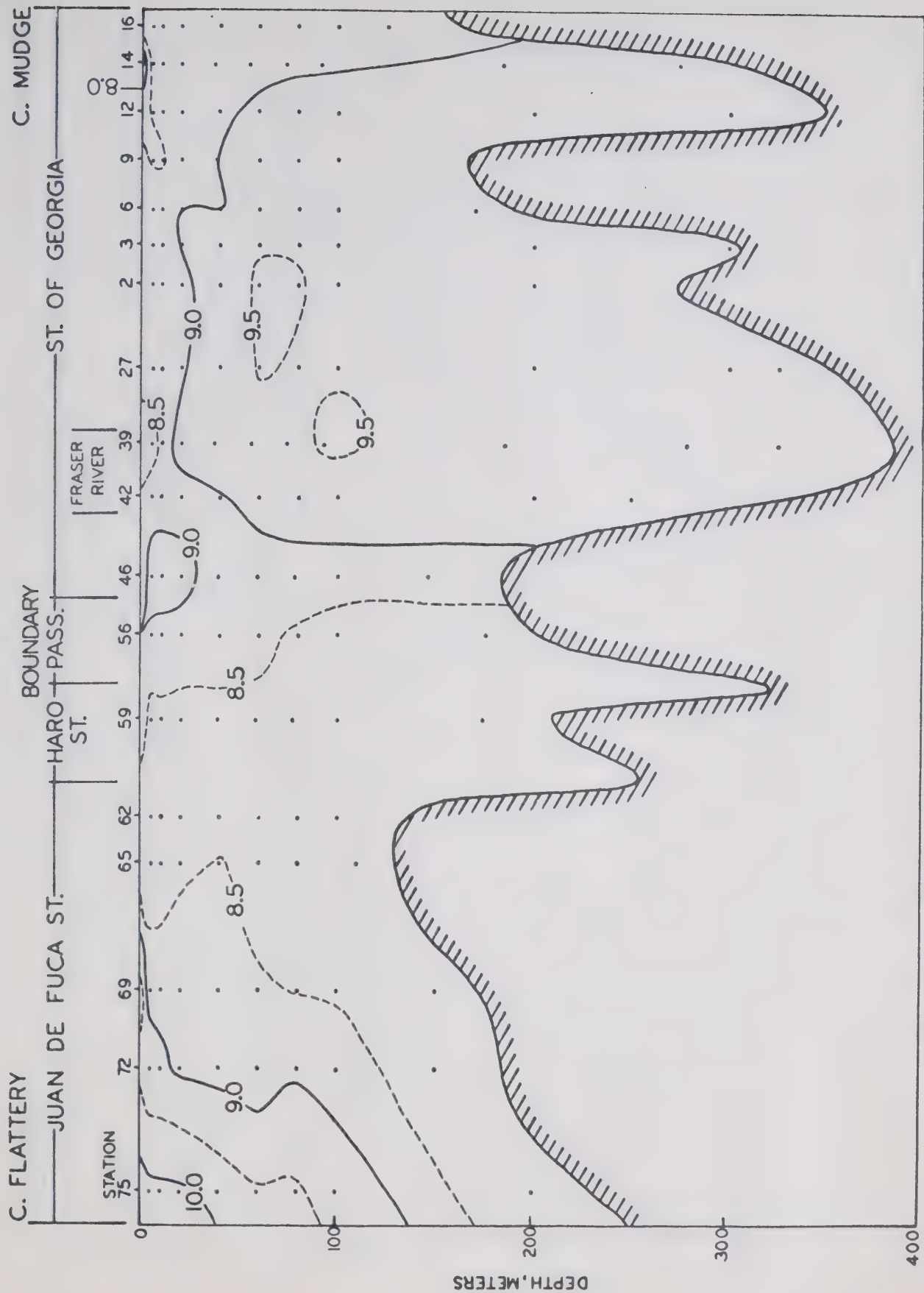


FIG. 1: TEMPERATURE DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 4-8 DEC. 1967





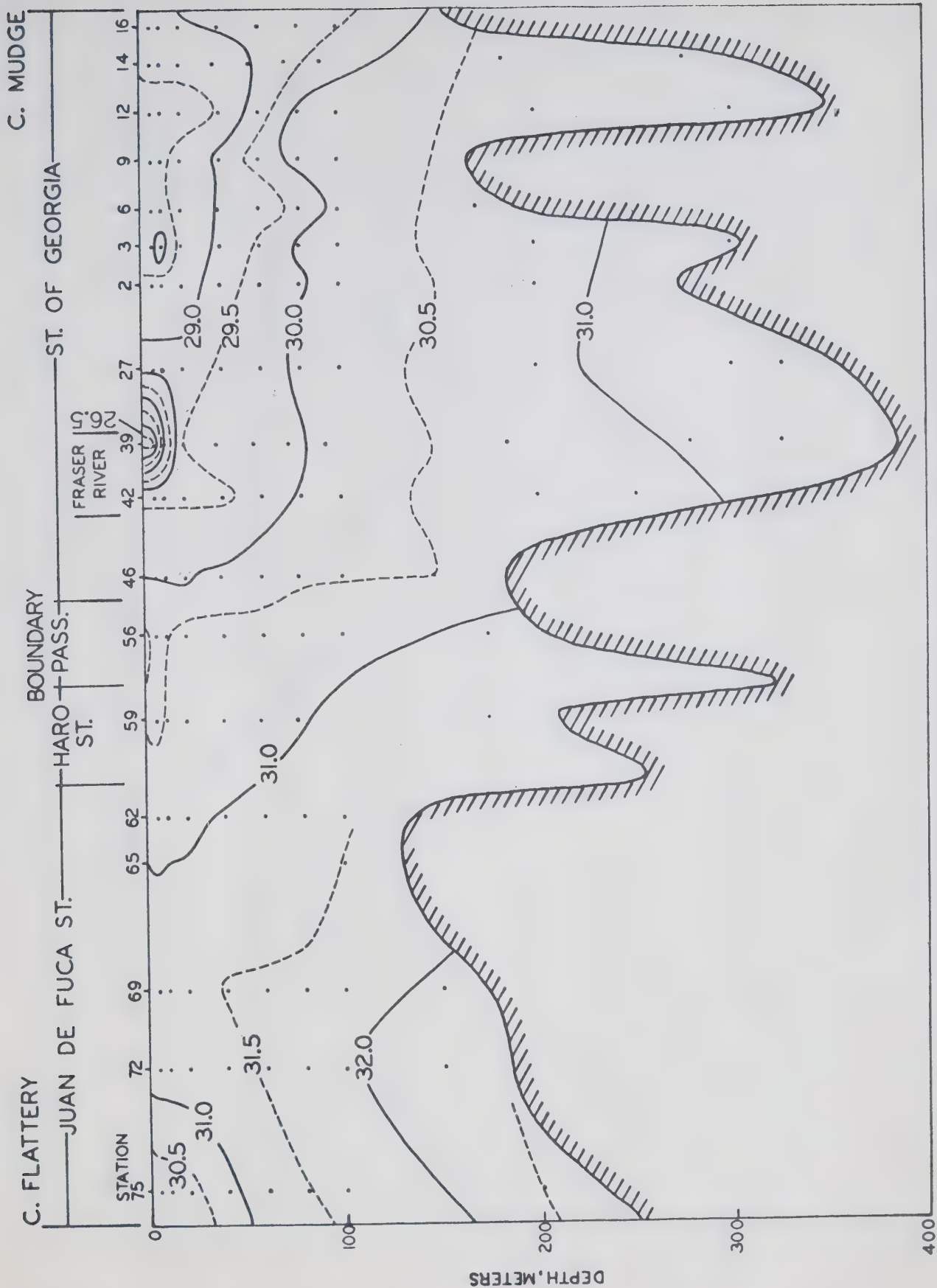


FIG. 2: SALINITY DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 4-8 DEC. 1967





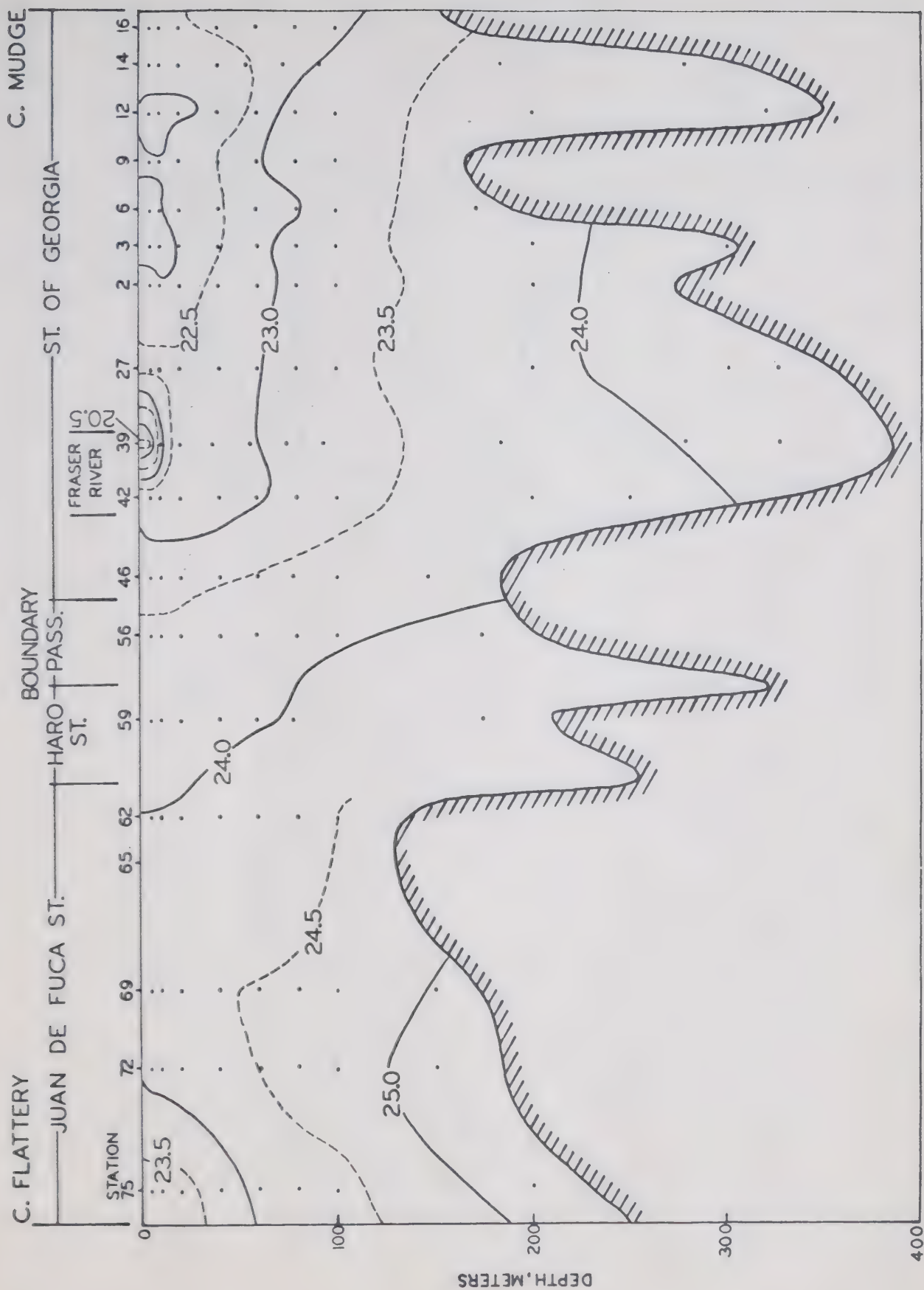


FIG. 3: DENSITY ( $\sigma_t$ ) DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 4-8 DEC. 1967



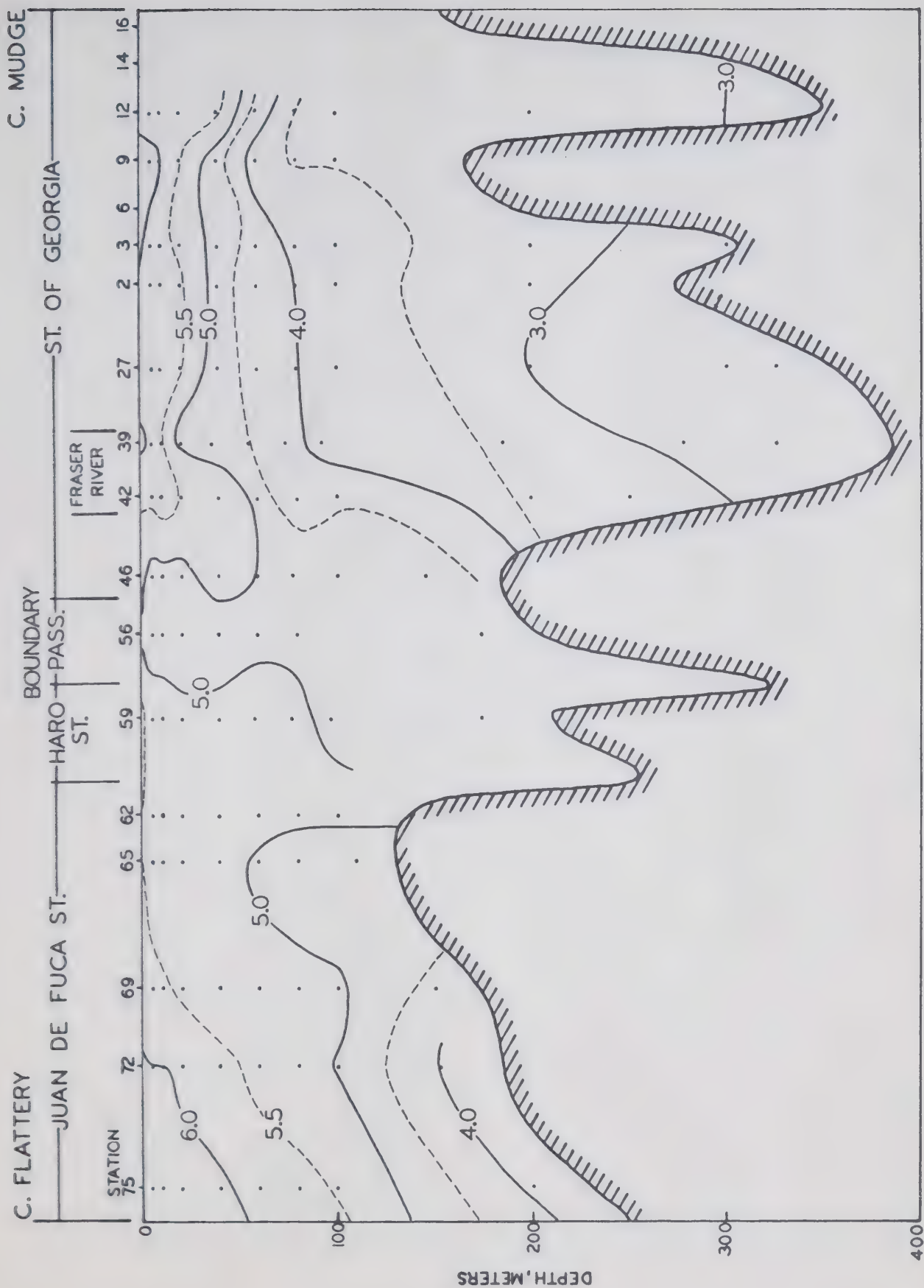


FIG. 4: OXYGEN DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 4-8 DEC. 1967





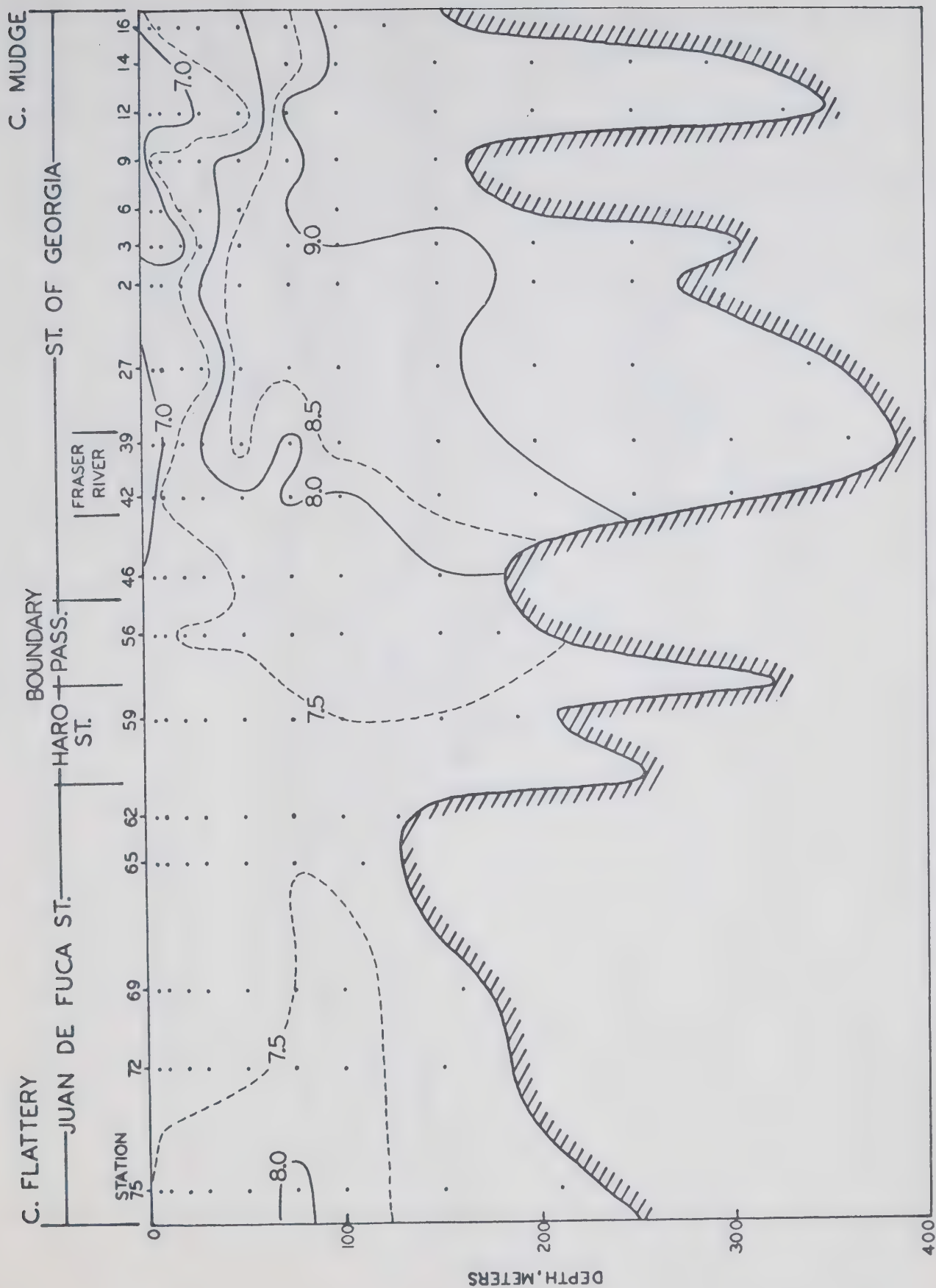


FIG. 5: TEMPERATURE DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 8-12 JAN. 1968





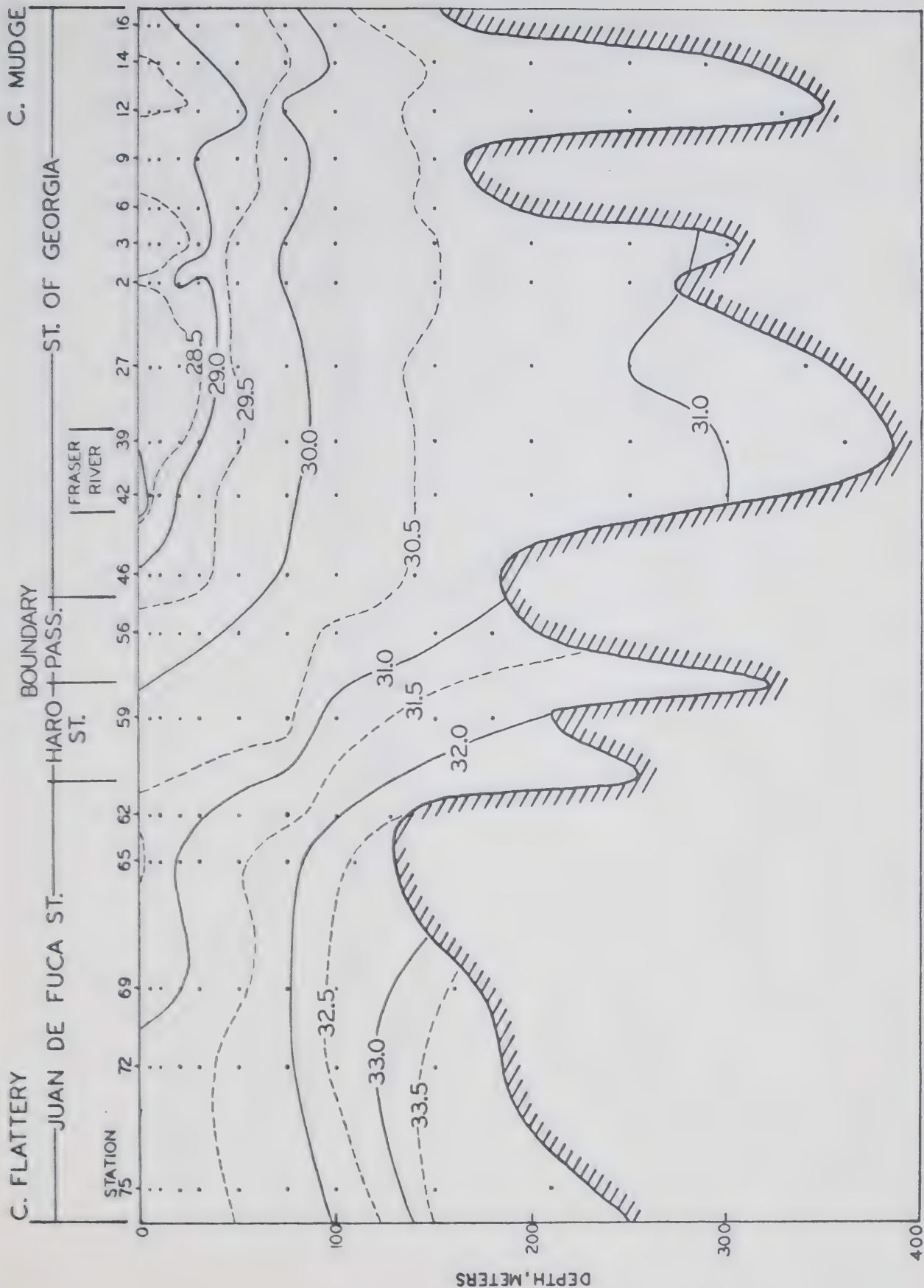


FIG. 6: SALINITY DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 8-12 JAN. 1968



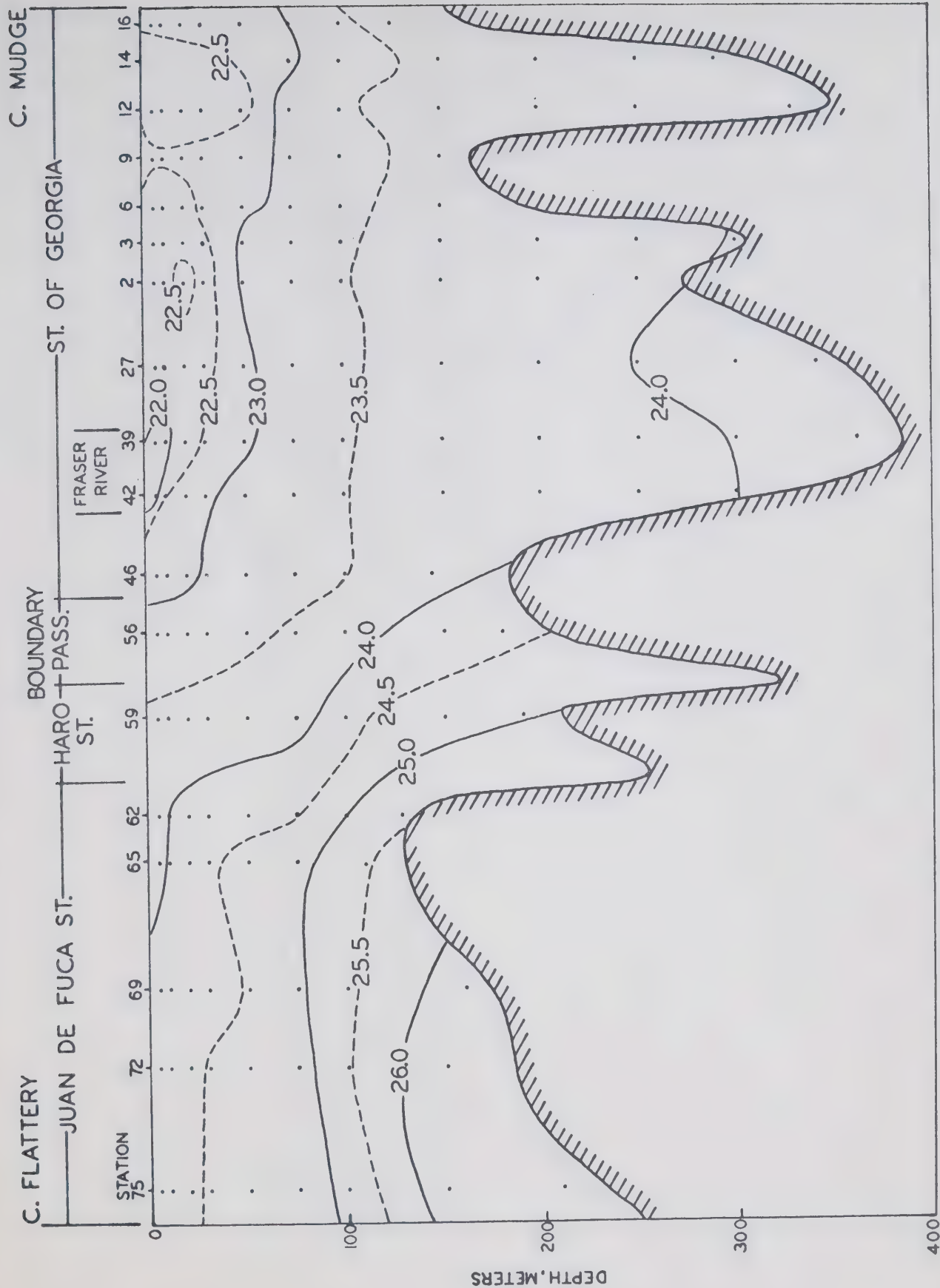


FIG. 7: DENSITY ( $\sigma_t$ ) DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 8-12 JAN. 1968





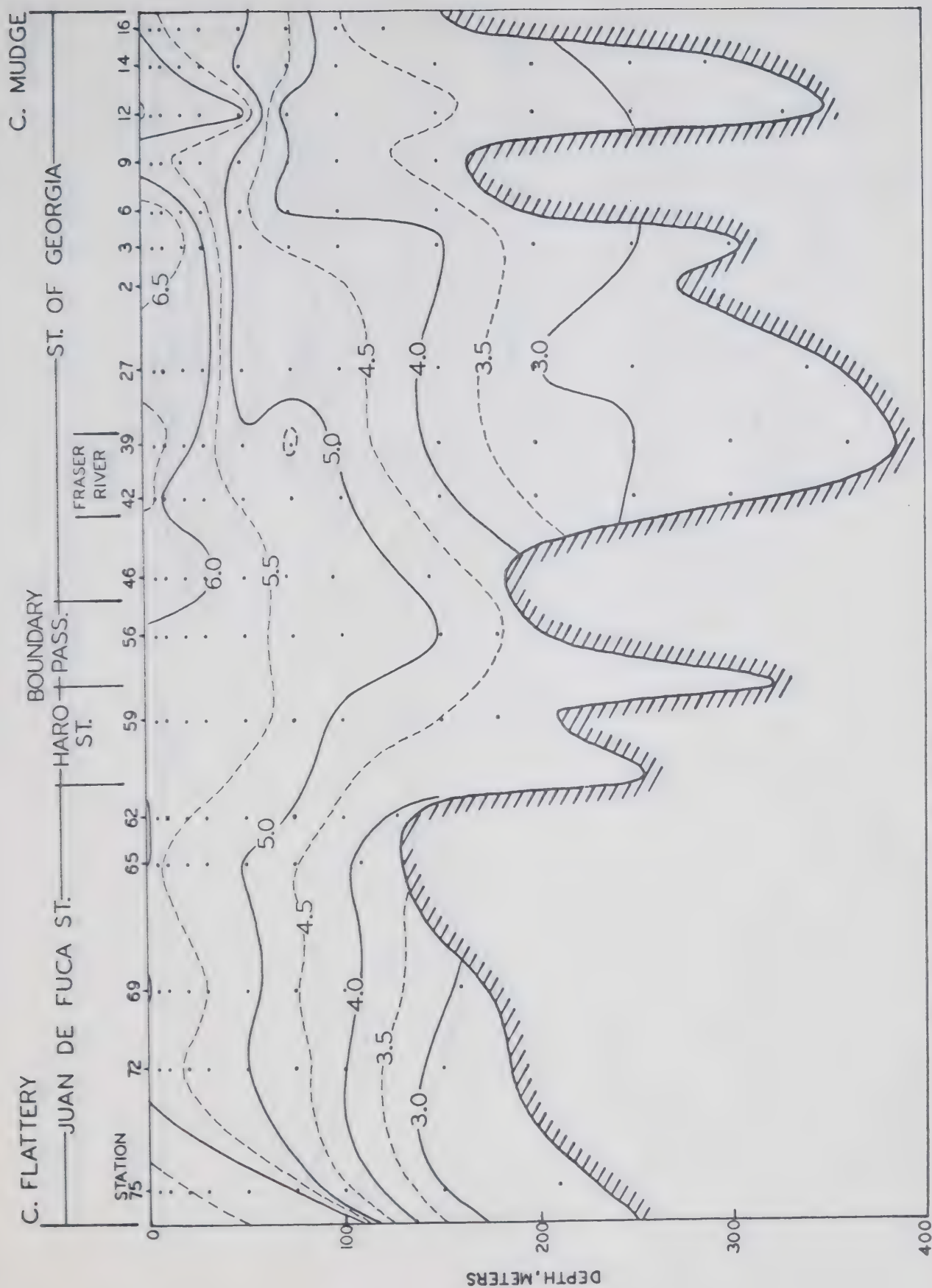


FIG. 8: OXYGEN DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 8-12 JAN. 1968



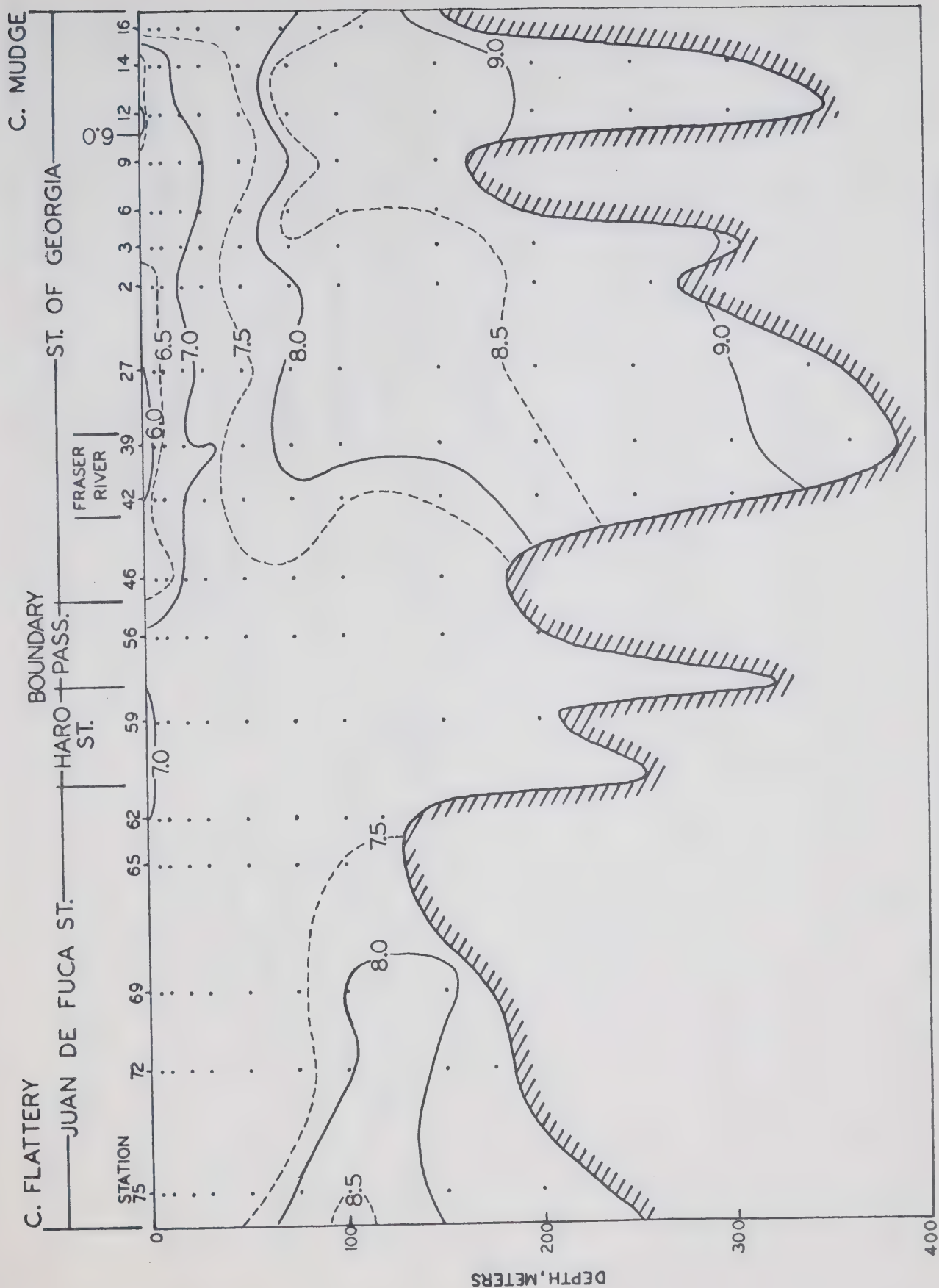


FIG. 9: TEMPERATURE DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 12-16 FEB. 1968





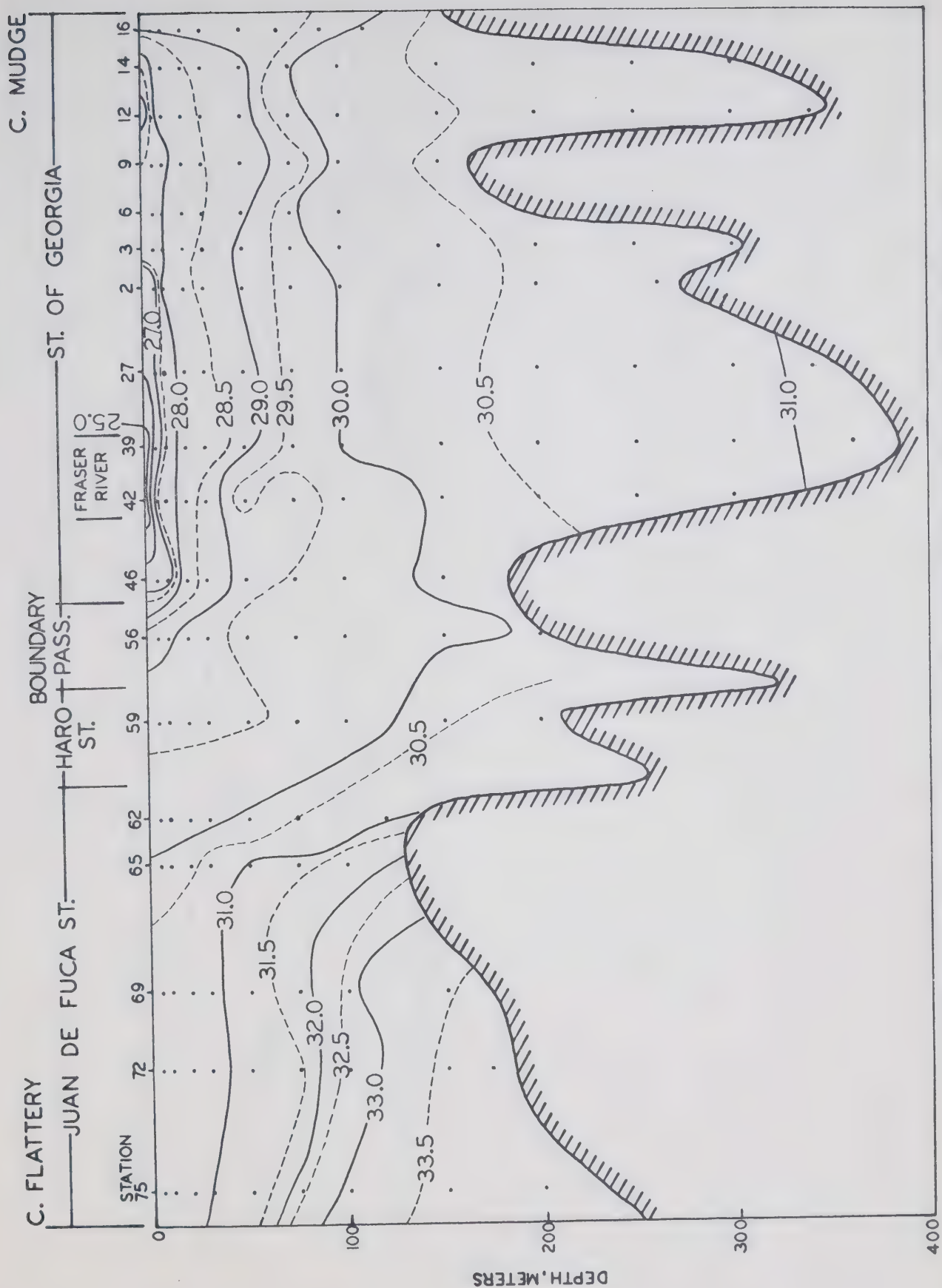


FIG. 10: SALINITY DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 12-16 FEB. 1968



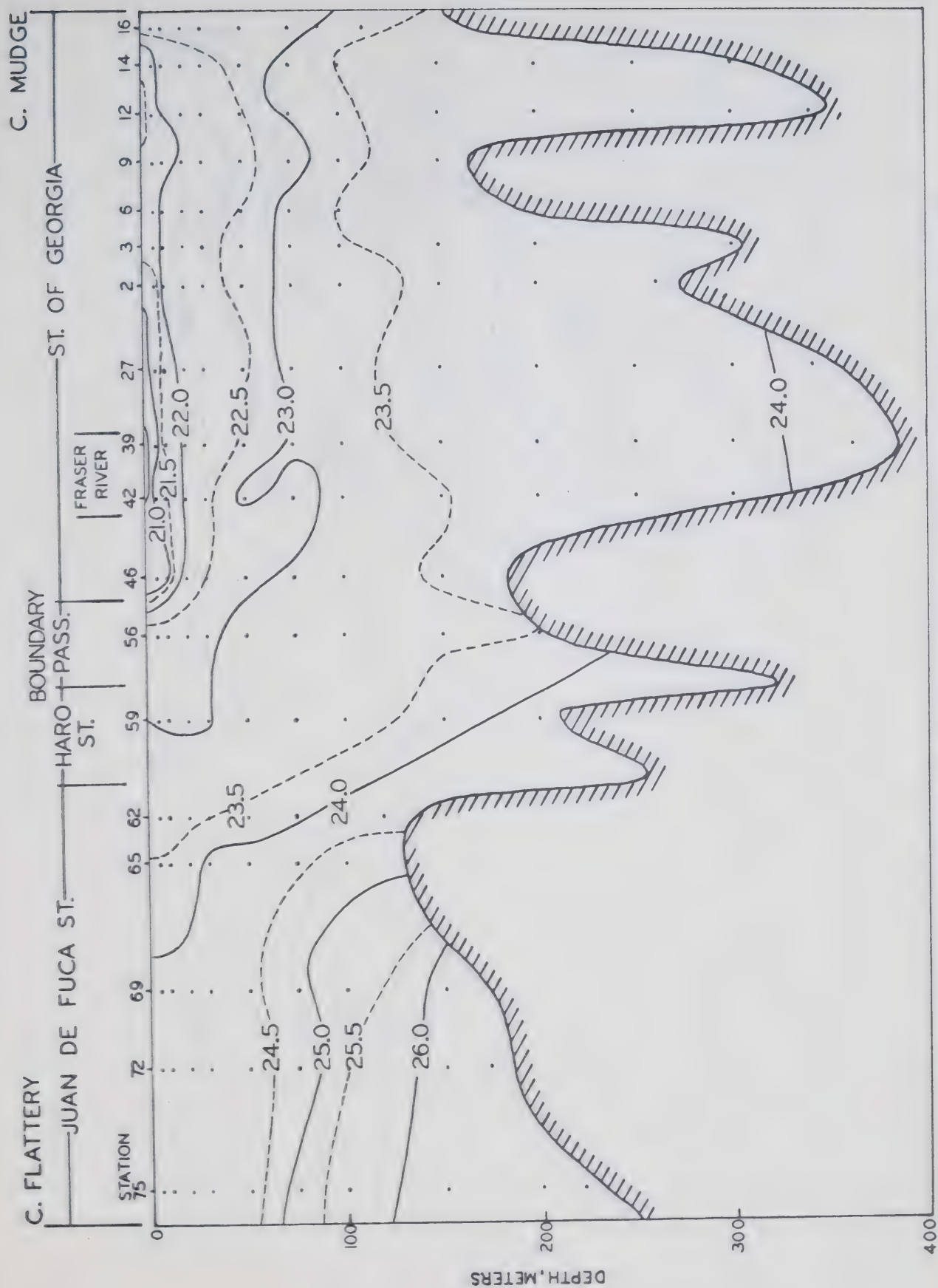


FIG. 11: DENSITY ( $\sigma_t$ ) DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 12-16 FEB. 1968





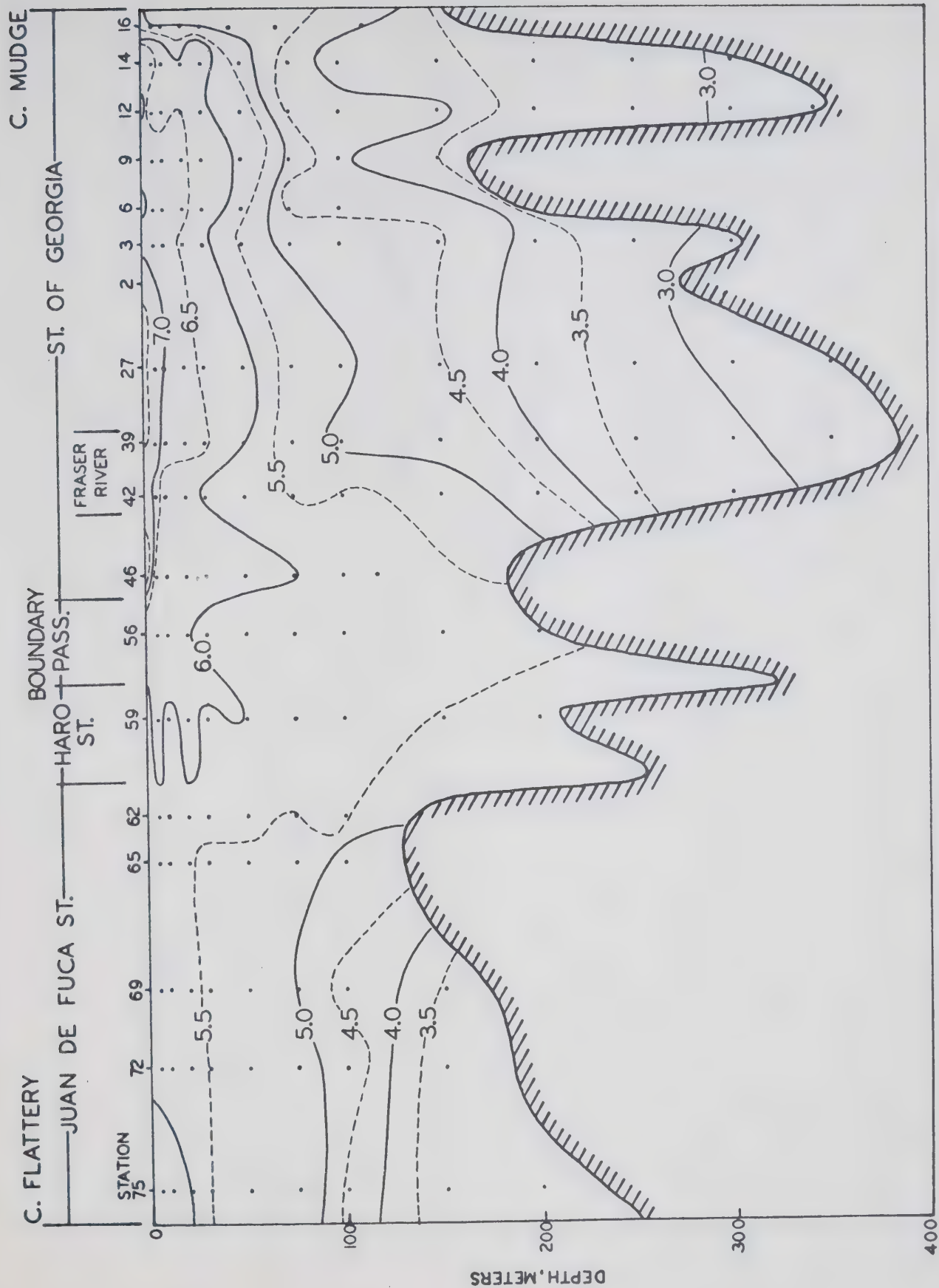


FIG. 12: OXYGEN DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 12-16 FEB. 1968



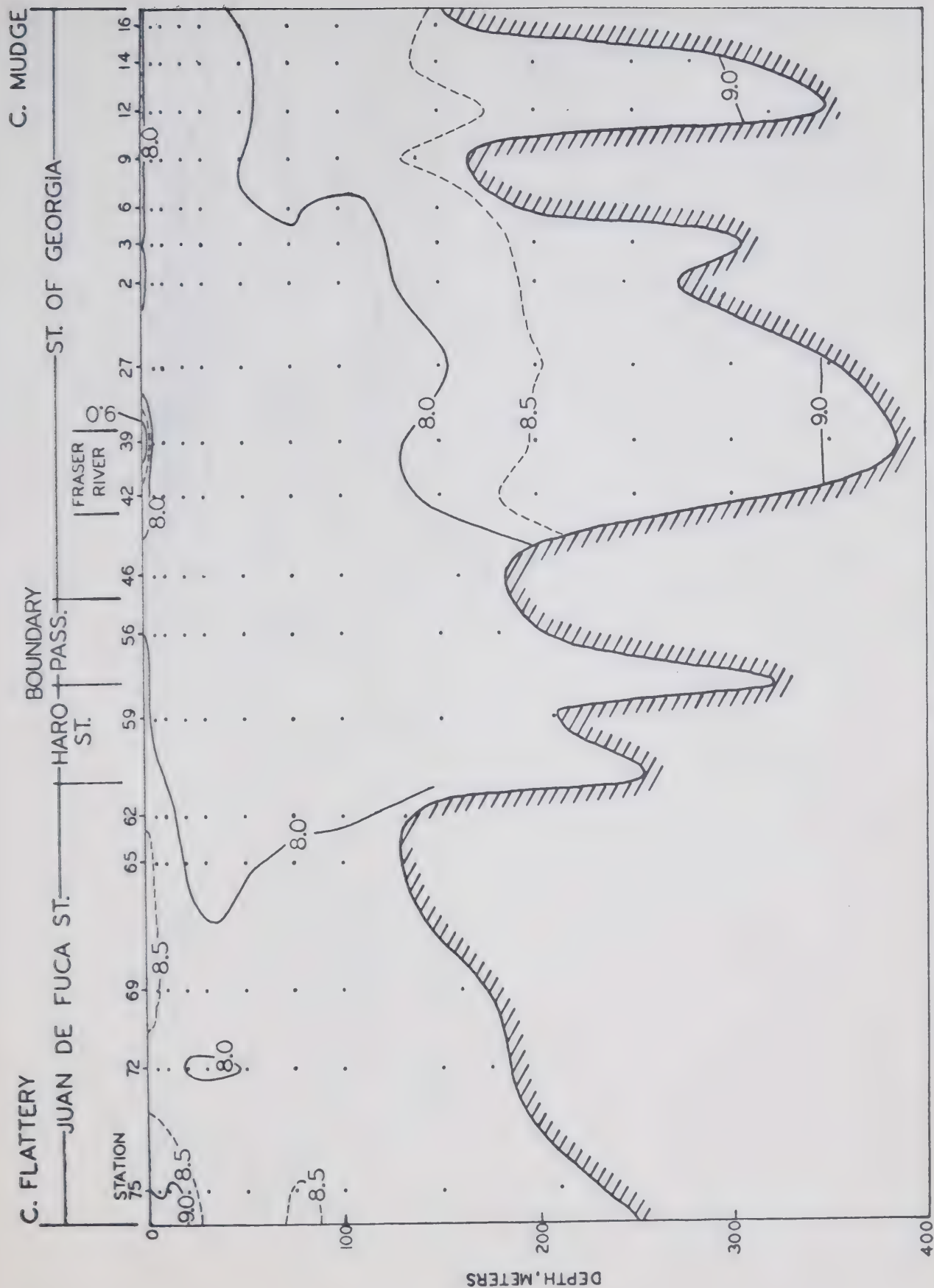


FIG. 13: TEMPERATURE DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 18-22 MAR. 1968





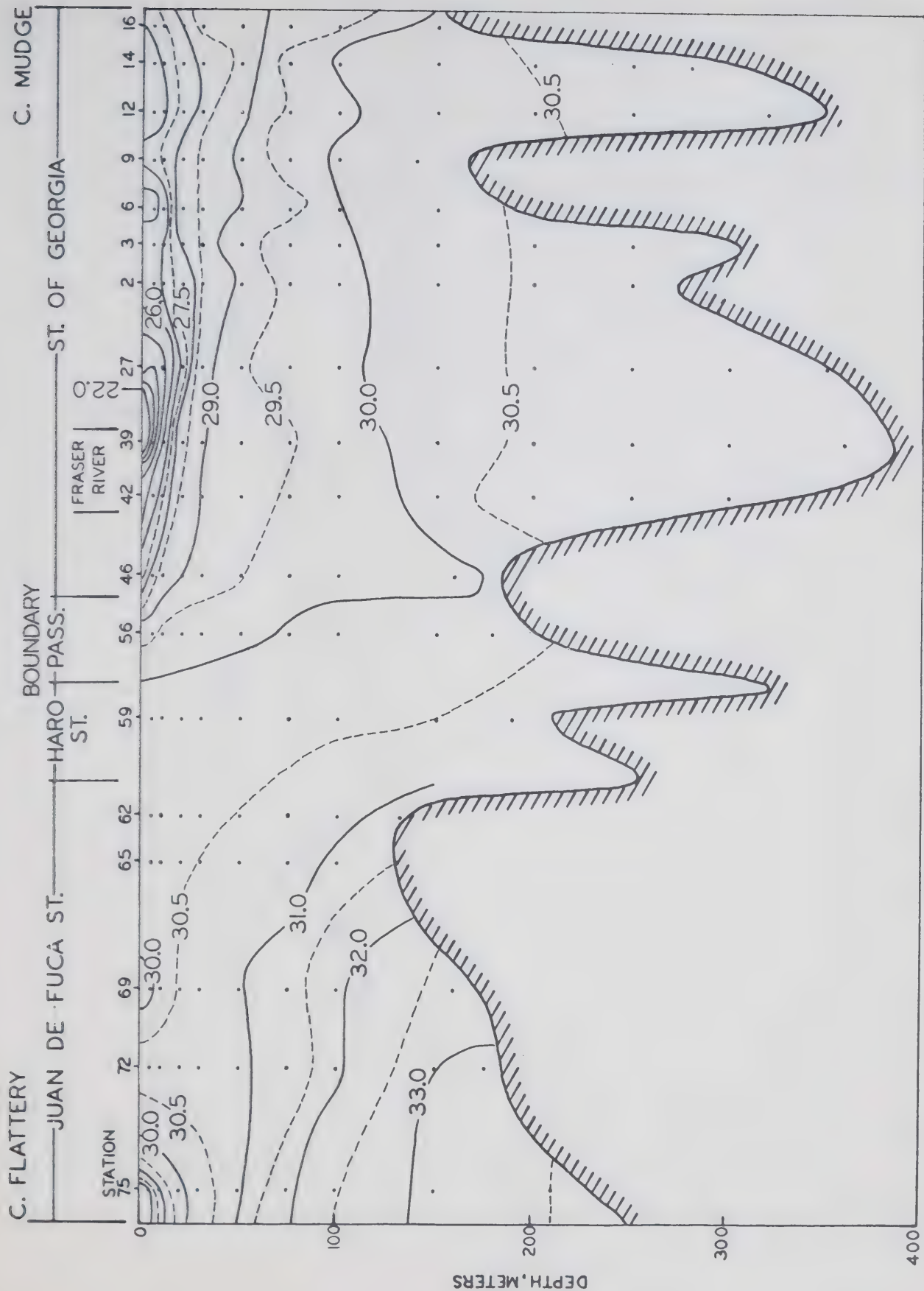


FIG. 14: SALINITY DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 18-22 MAR. 1968



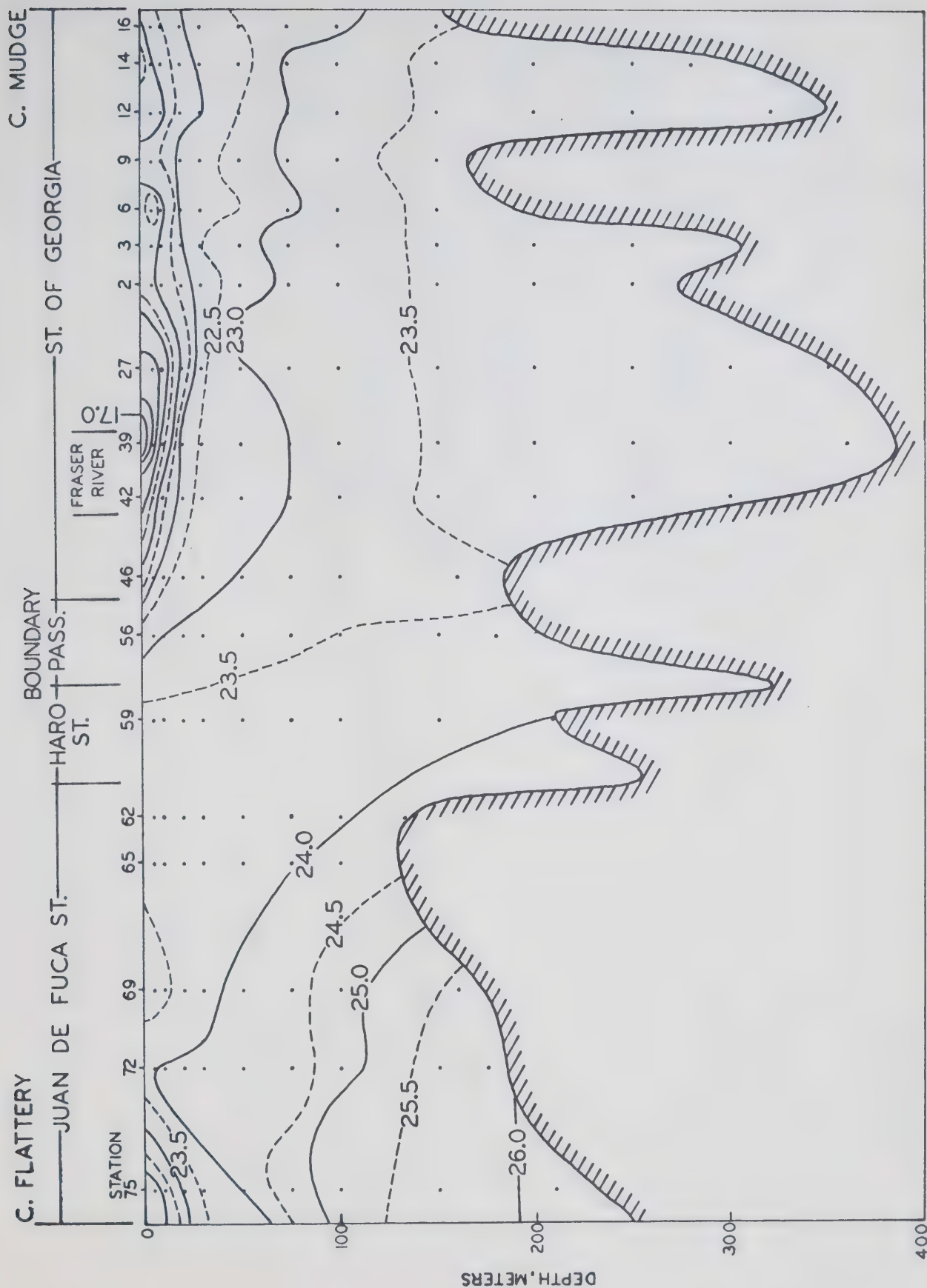


FIG. 15: DENSITY ( $\sigma_t$ ) DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 18-22 MAR. 1968





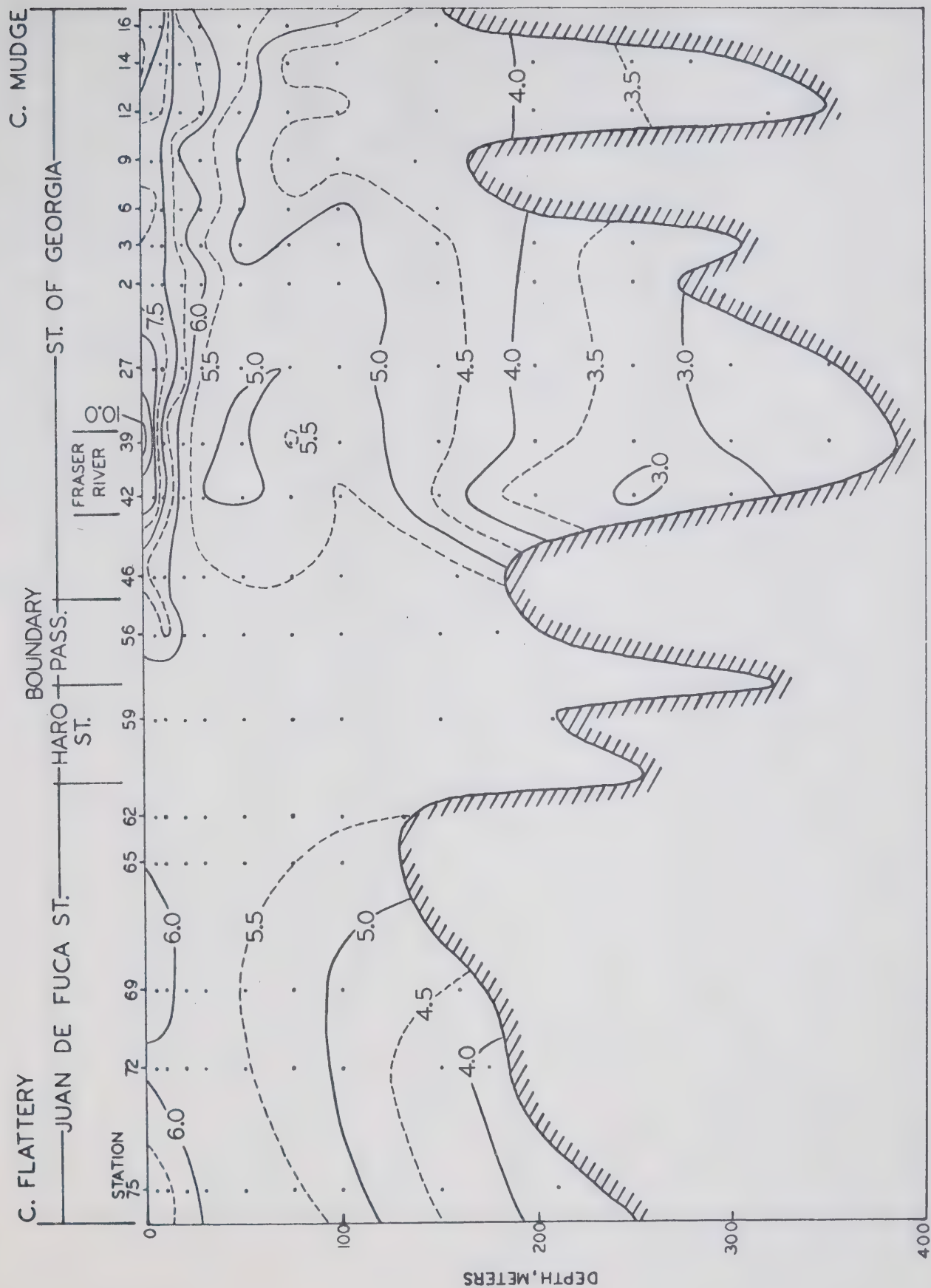


FIG. 16: OXYGEN DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 18-22 MAR. 1968



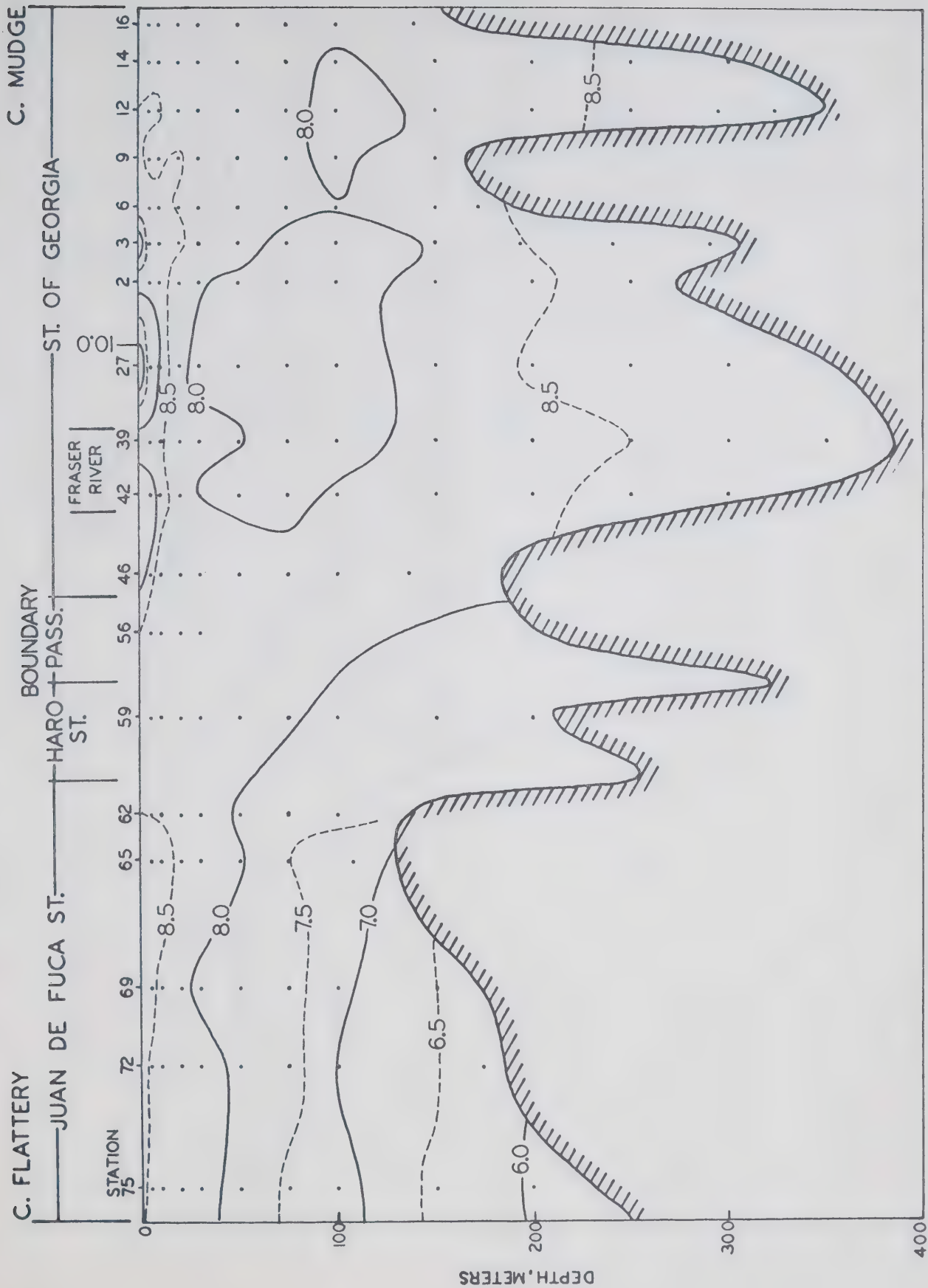


FIG. 17: TEMPERATURE DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 22-26 APR. 1968





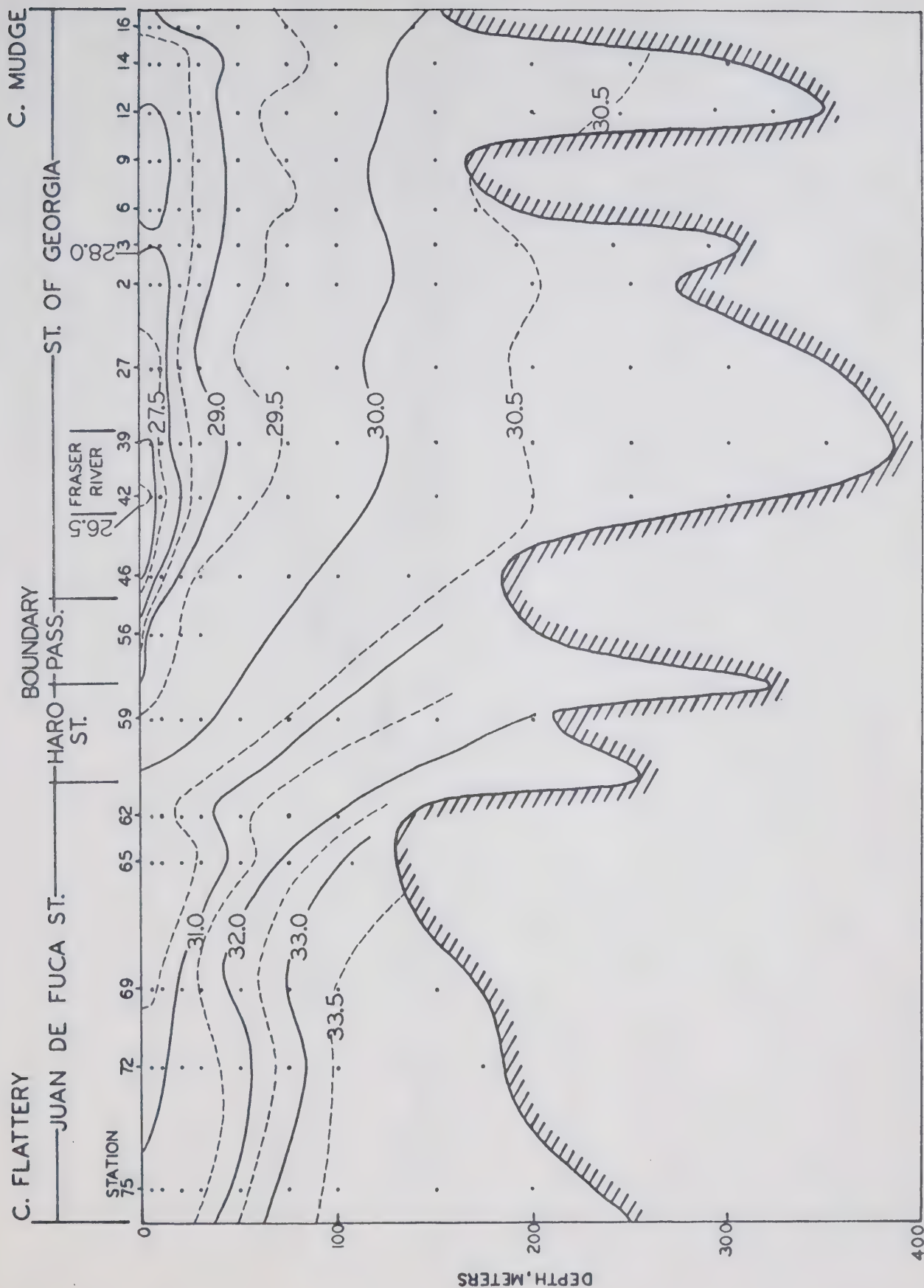


FIG. 18: SALINITY DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 22-26 APR. 1968



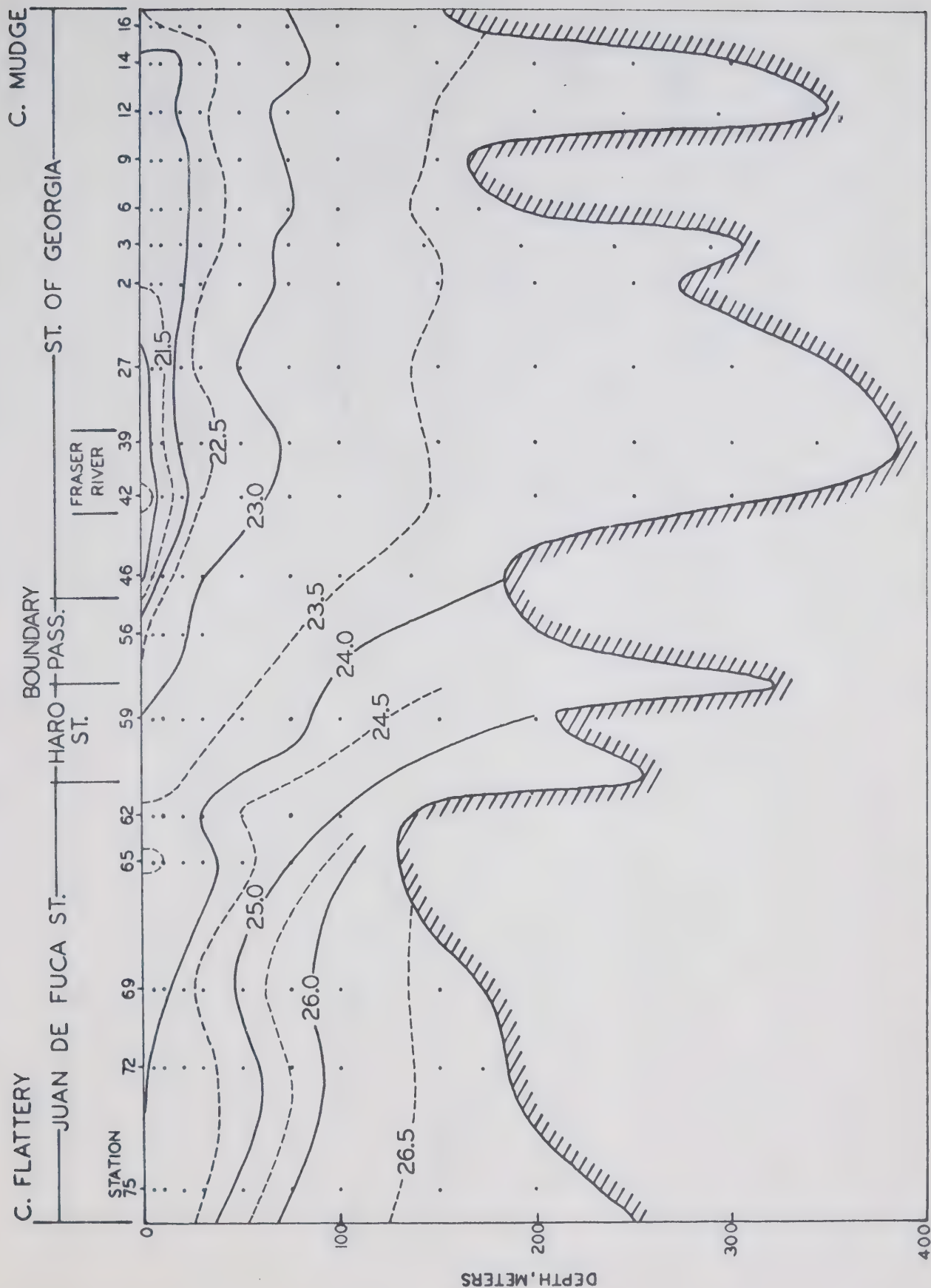


FIG. 19: DENSITY ( $\sigma_t$ ) DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 22-26 APR. 1968





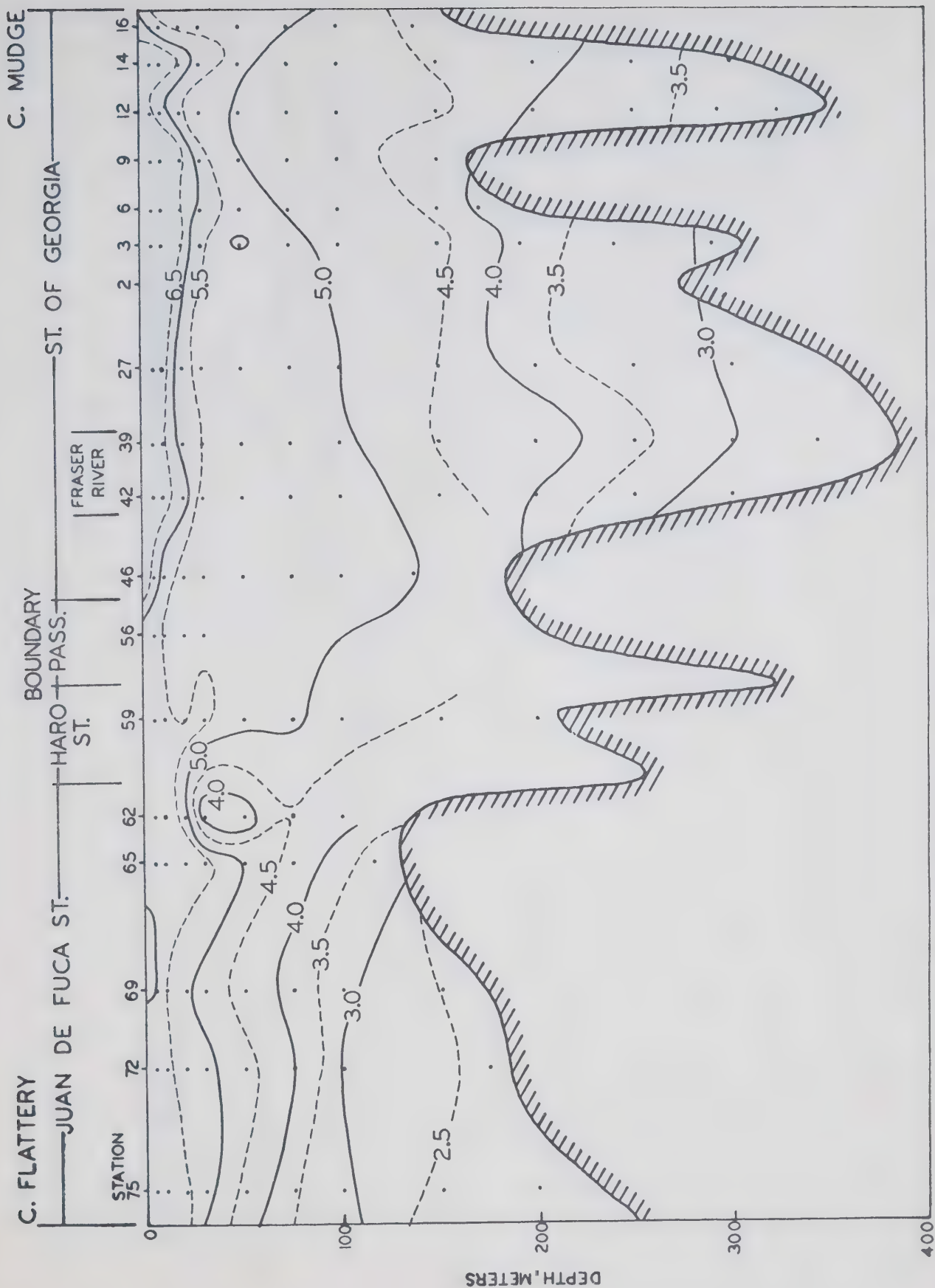


FIG. 20: OXYGEN DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 22-26 APR. 1968



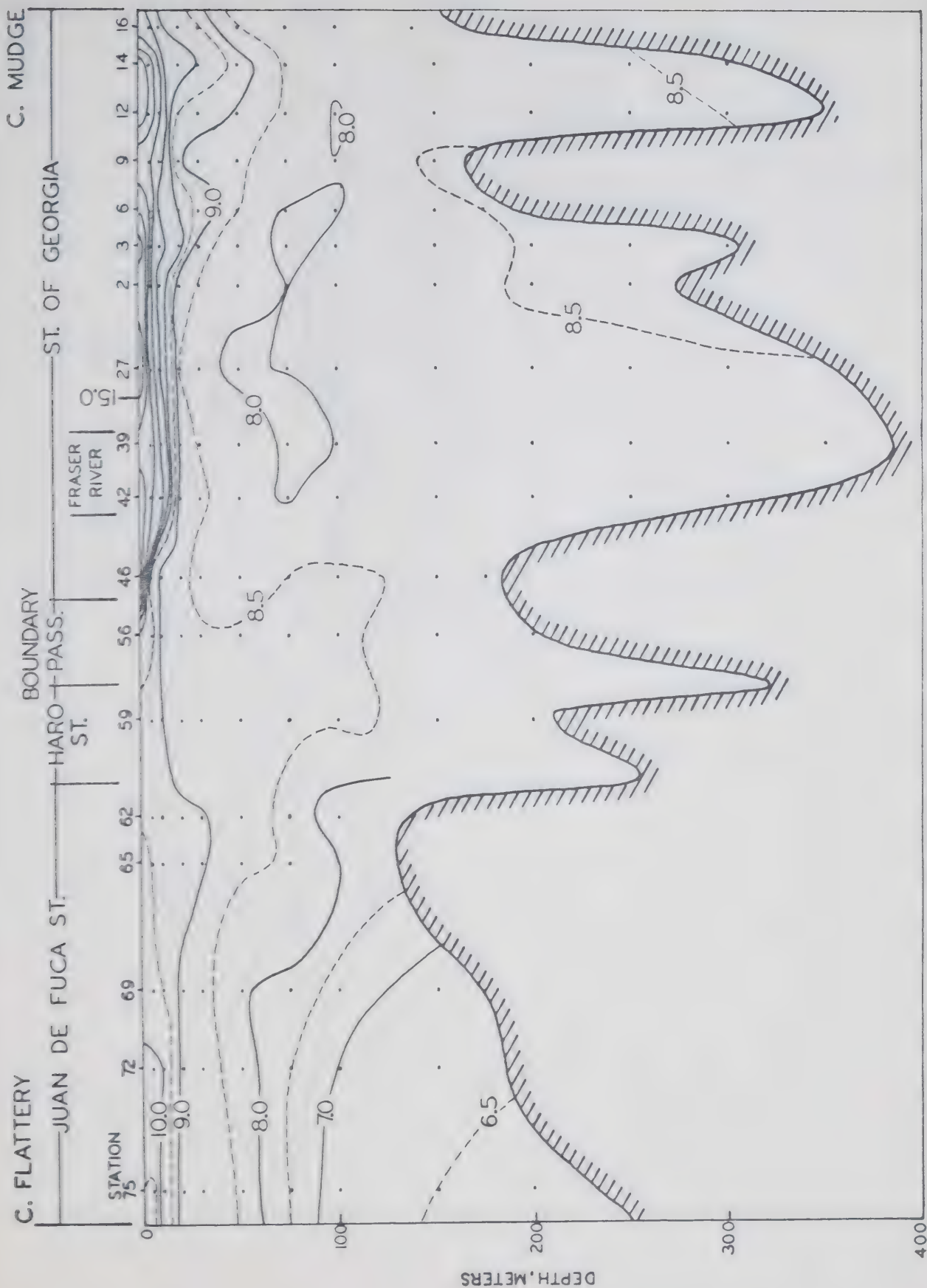


FIG. 21: TEMPERATURE DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 26-31 MAY 1968



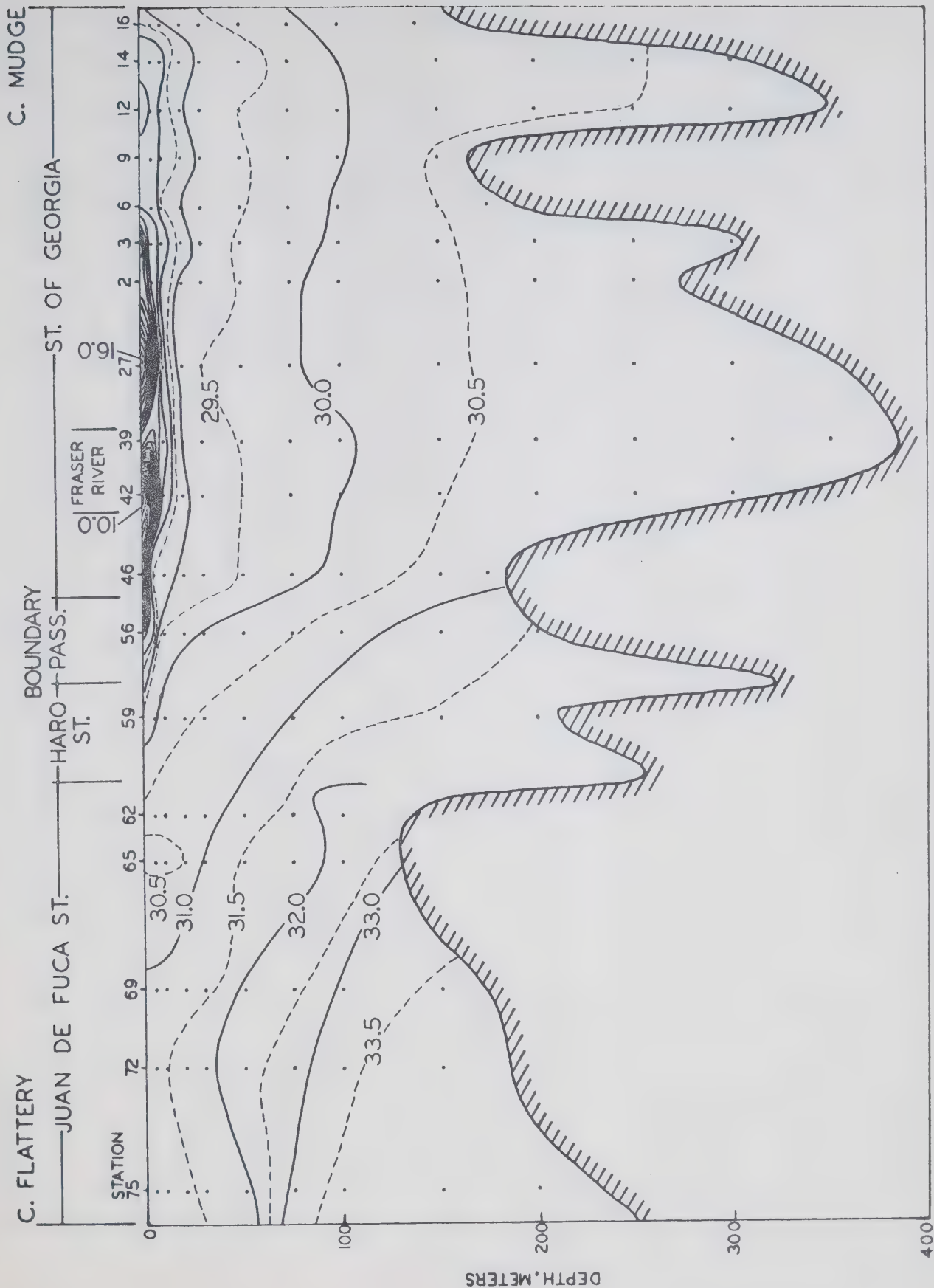


FIG. 22: SALINITY DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 26-31 MAY 1968





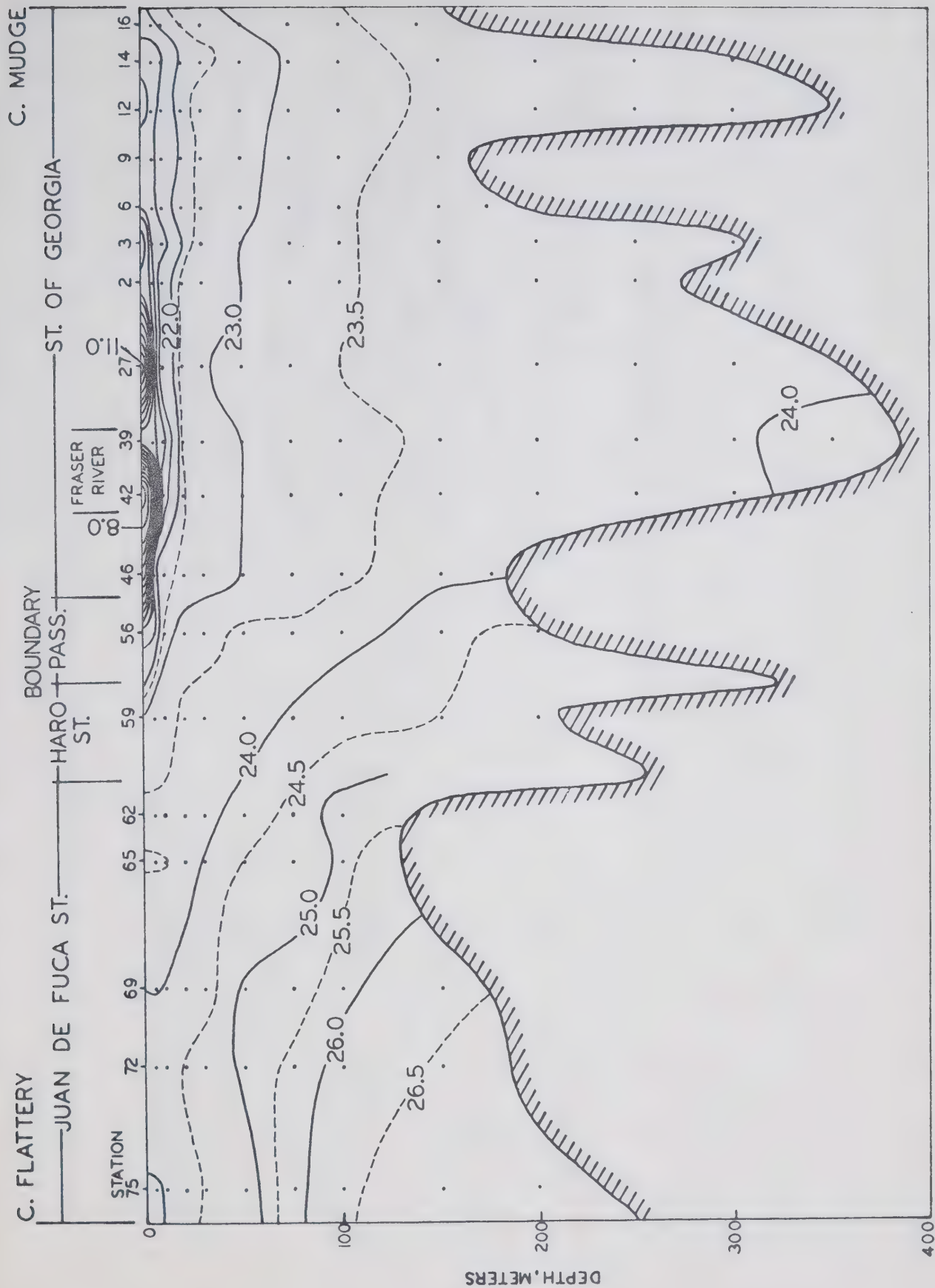


FIG. 23: DENSITY ( $\sigma_t$ ) DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 26-31 MAY 1968



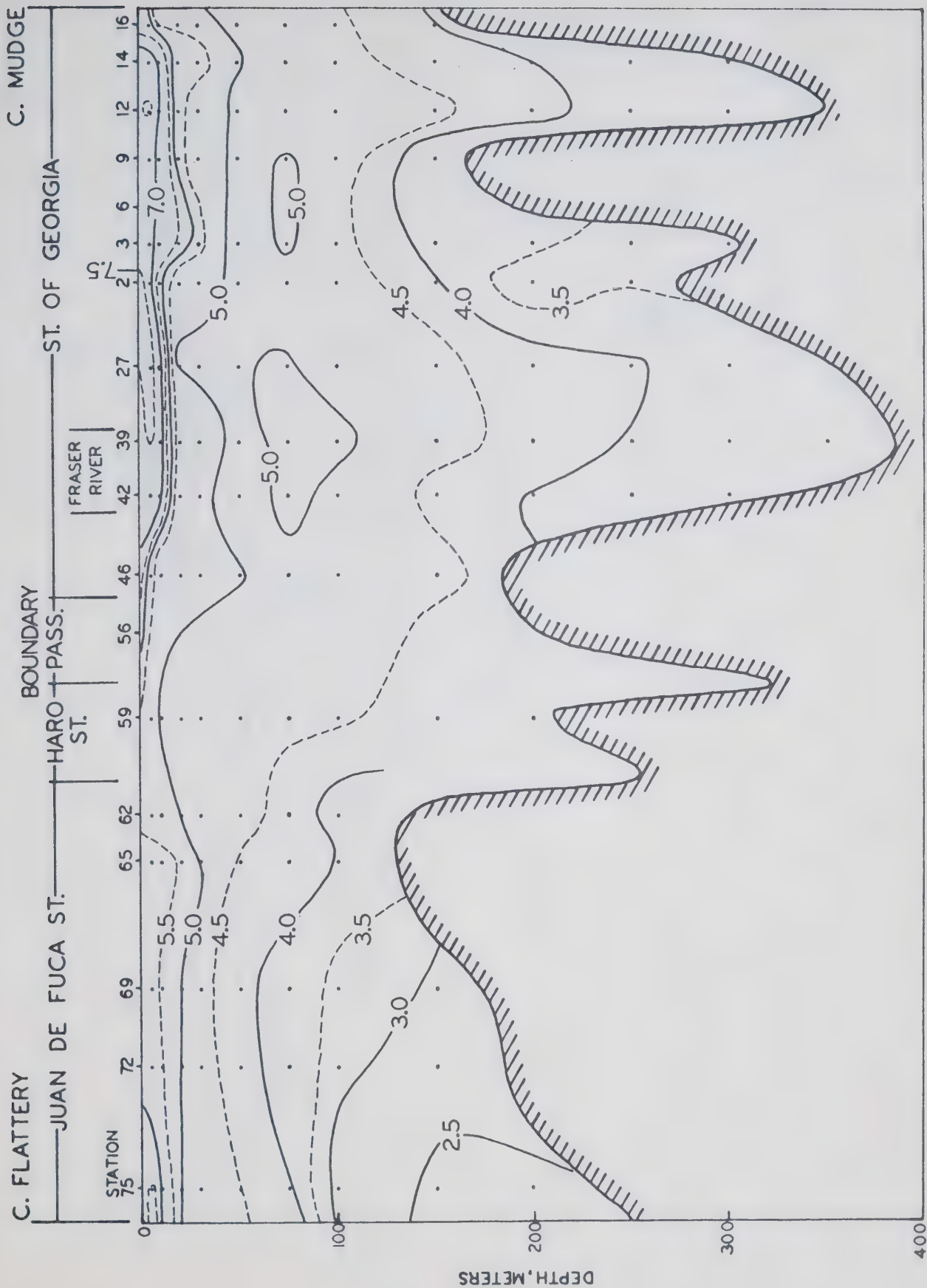


FIG. 24: OXYGEN DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 26-31 MAY 1968





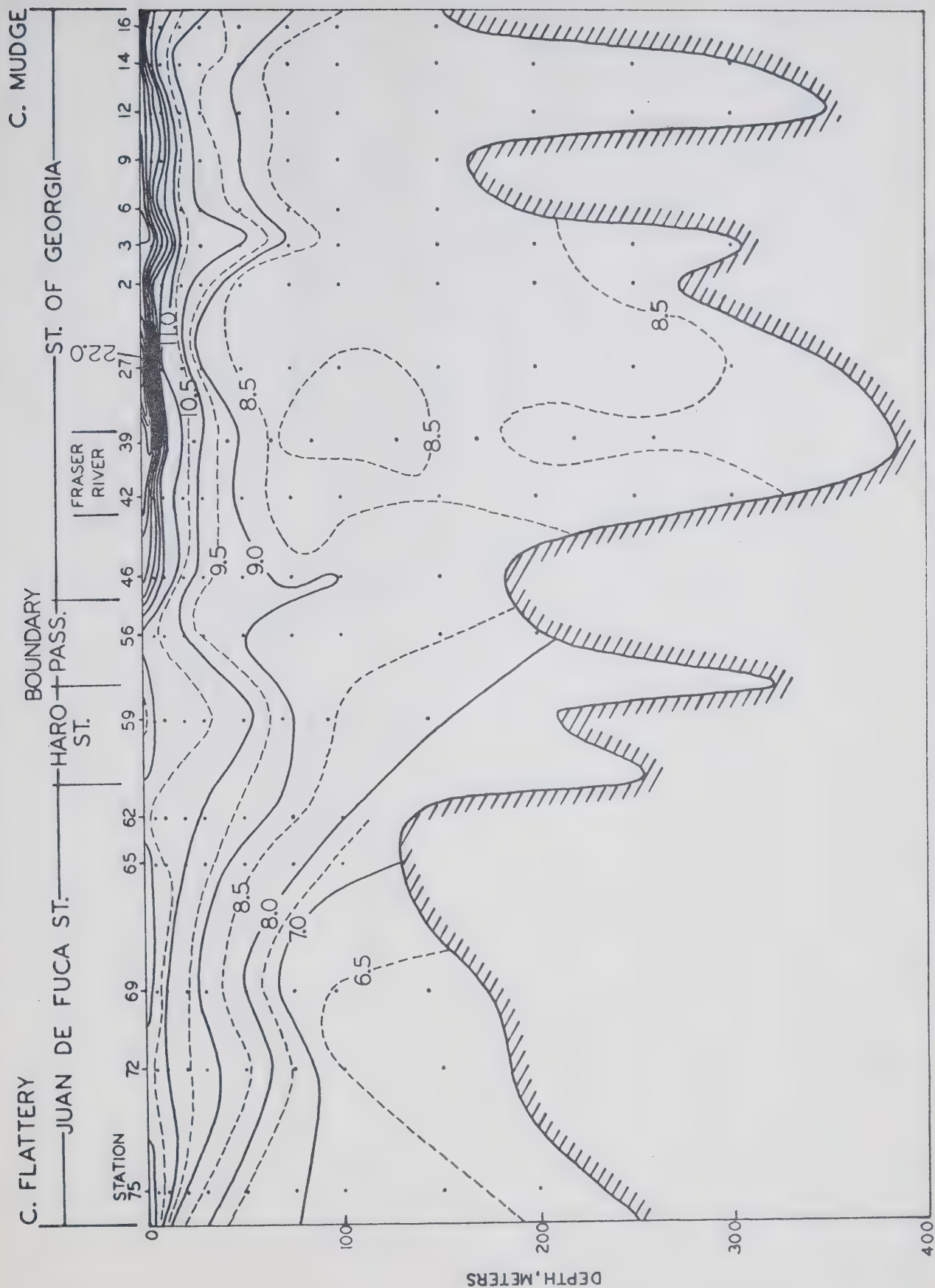


FIG. 25: TEMPERATURE DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 1-6 JUL. 1968



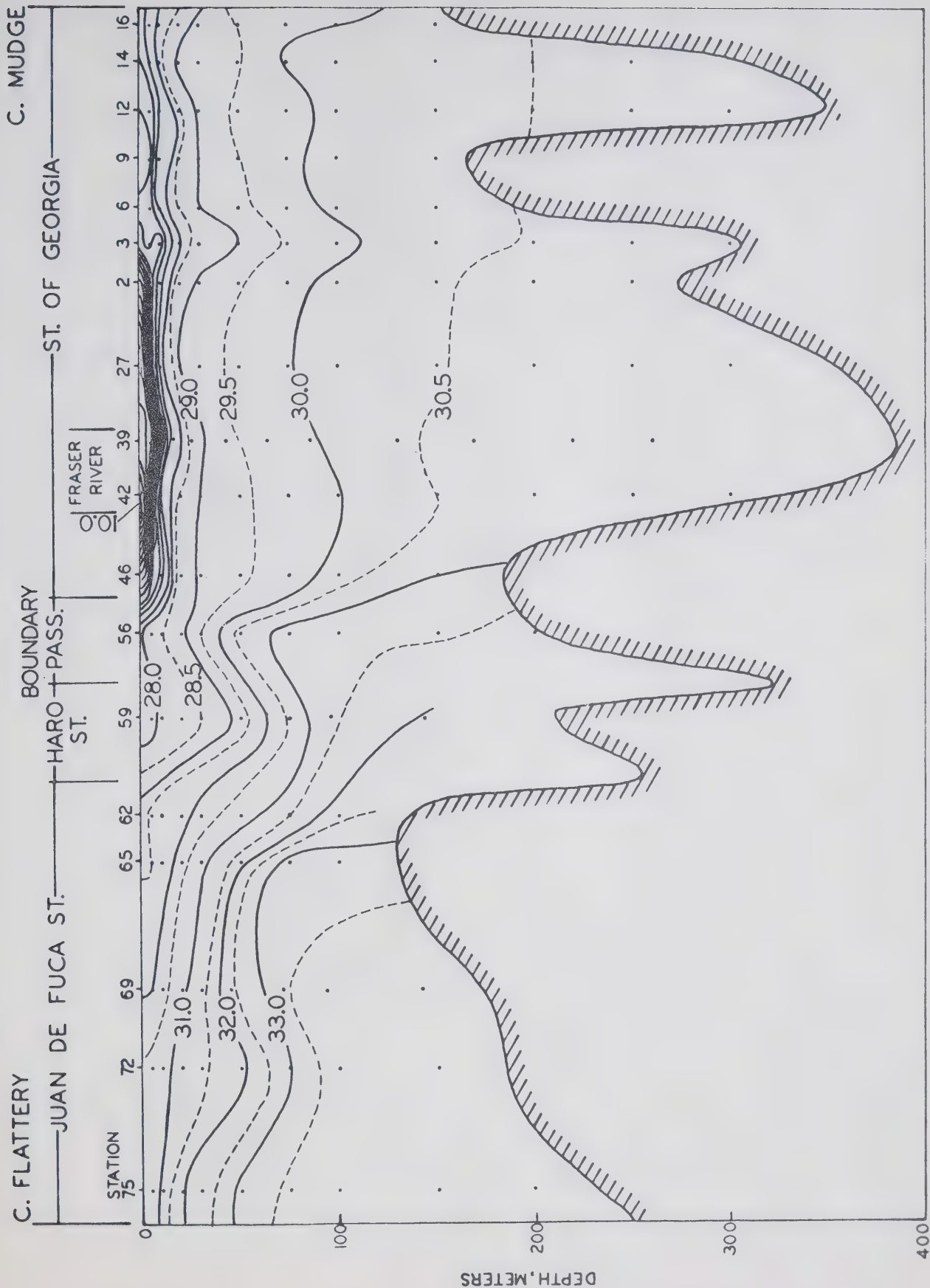


FIG. 26: SALINITY DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 1-6 JUL. 1968



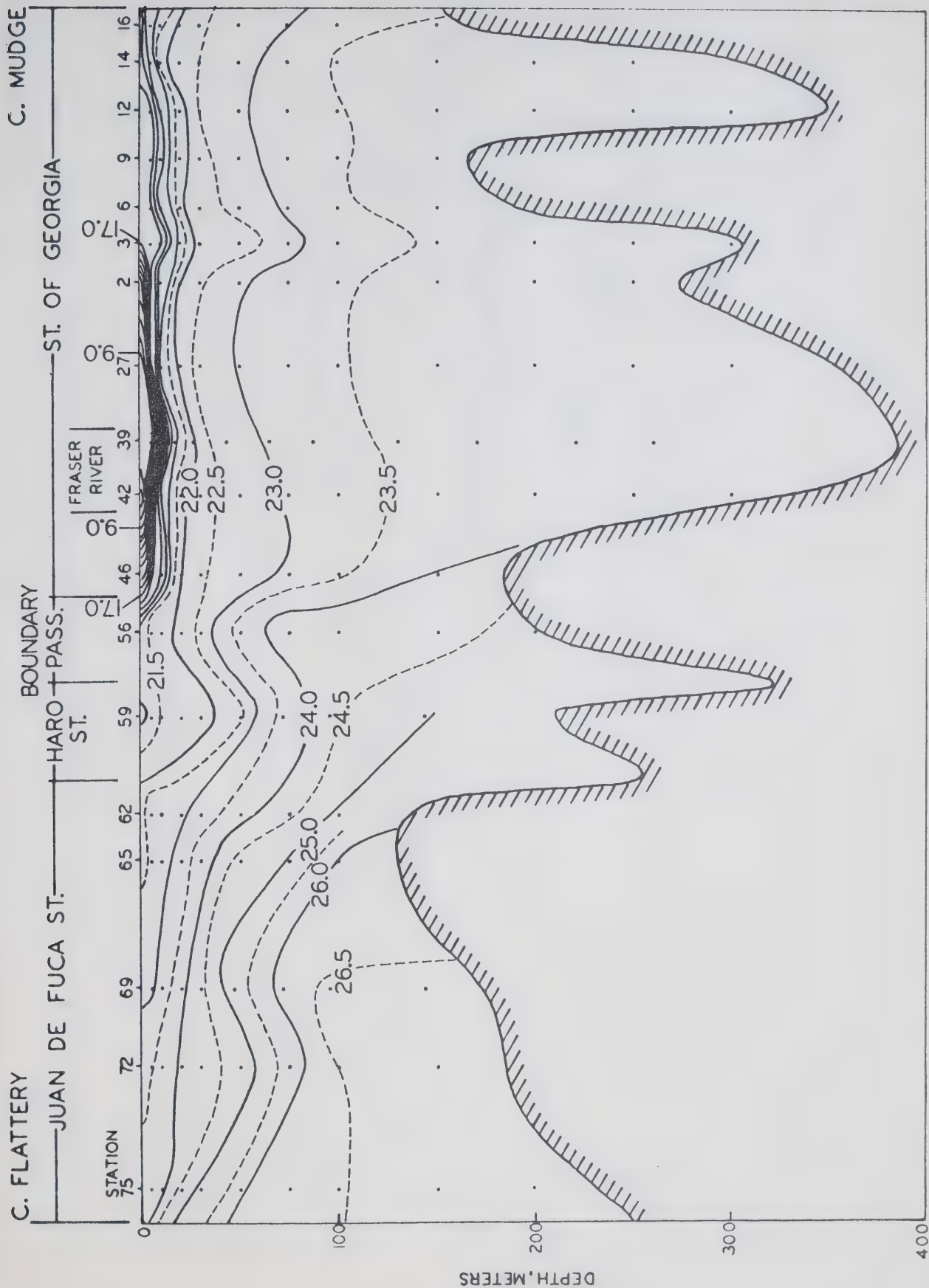


FIG. 27: DENSITY ( $\sigma_t$ ) DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 1-6 JUL. 1968





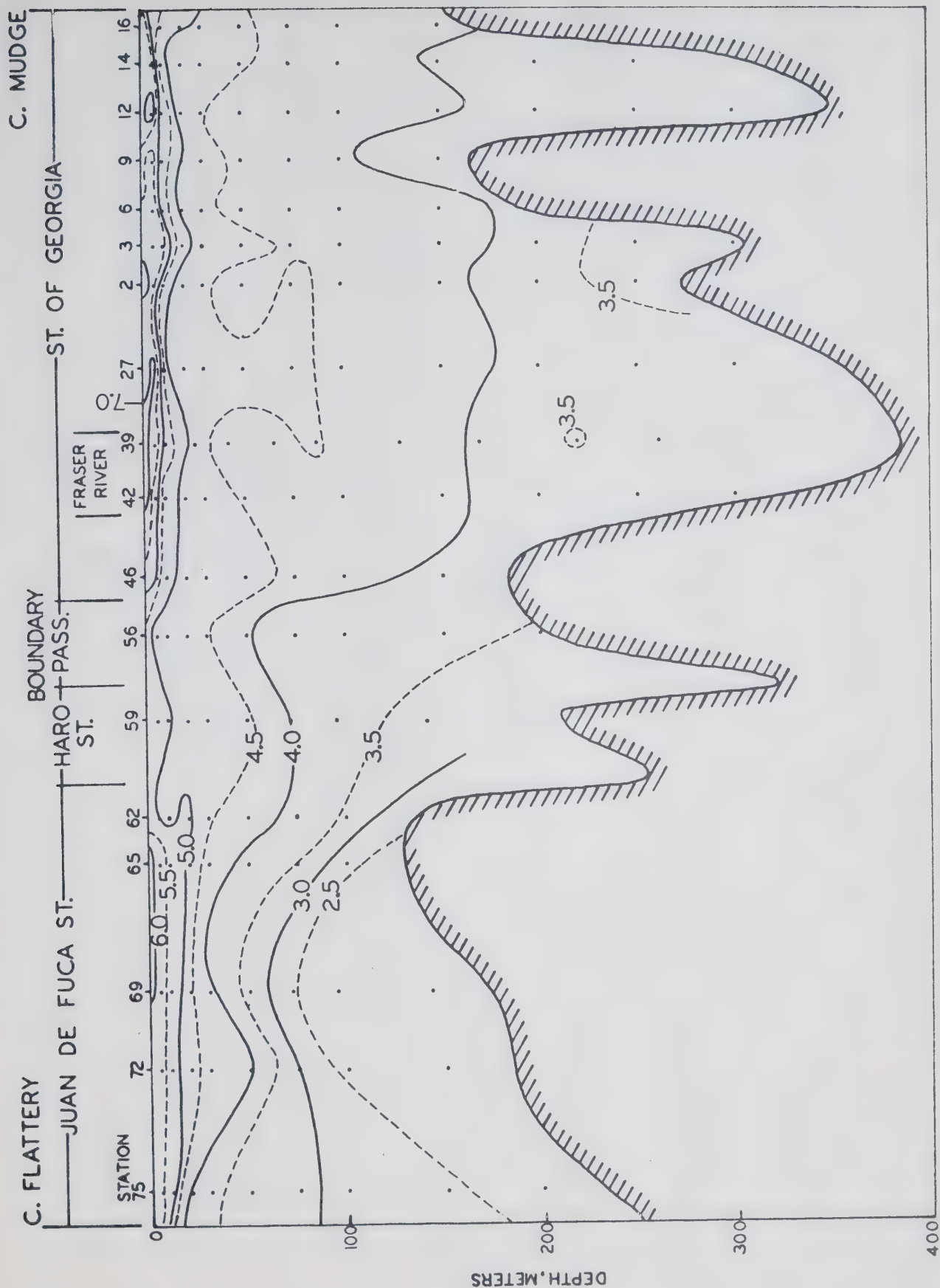


FIG. 28: OXYGEN DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 1-6 JUL. 1968



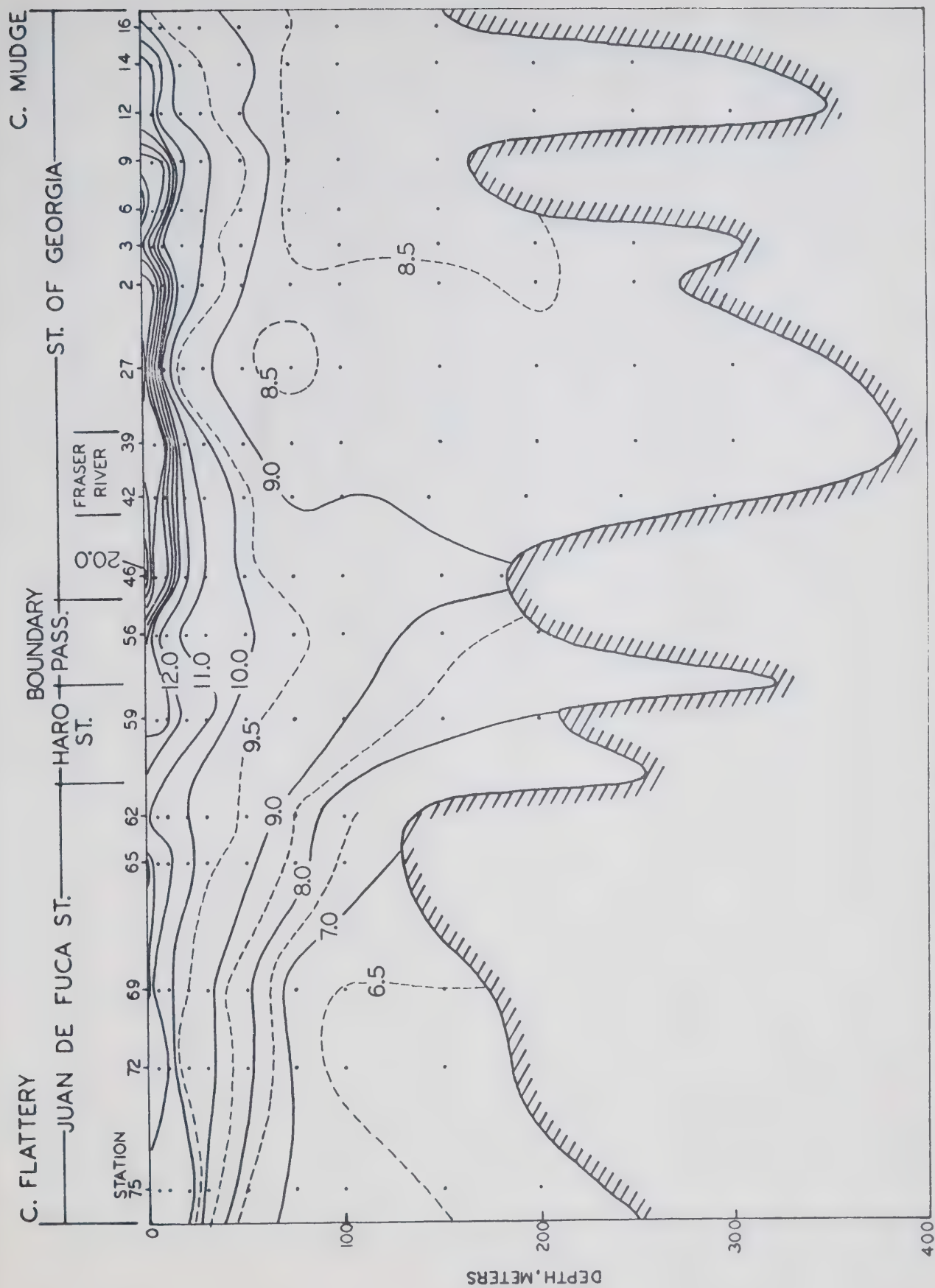


FIG. 29: TEMPERATURE DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 28 JUL. - 2 AUG. 1968





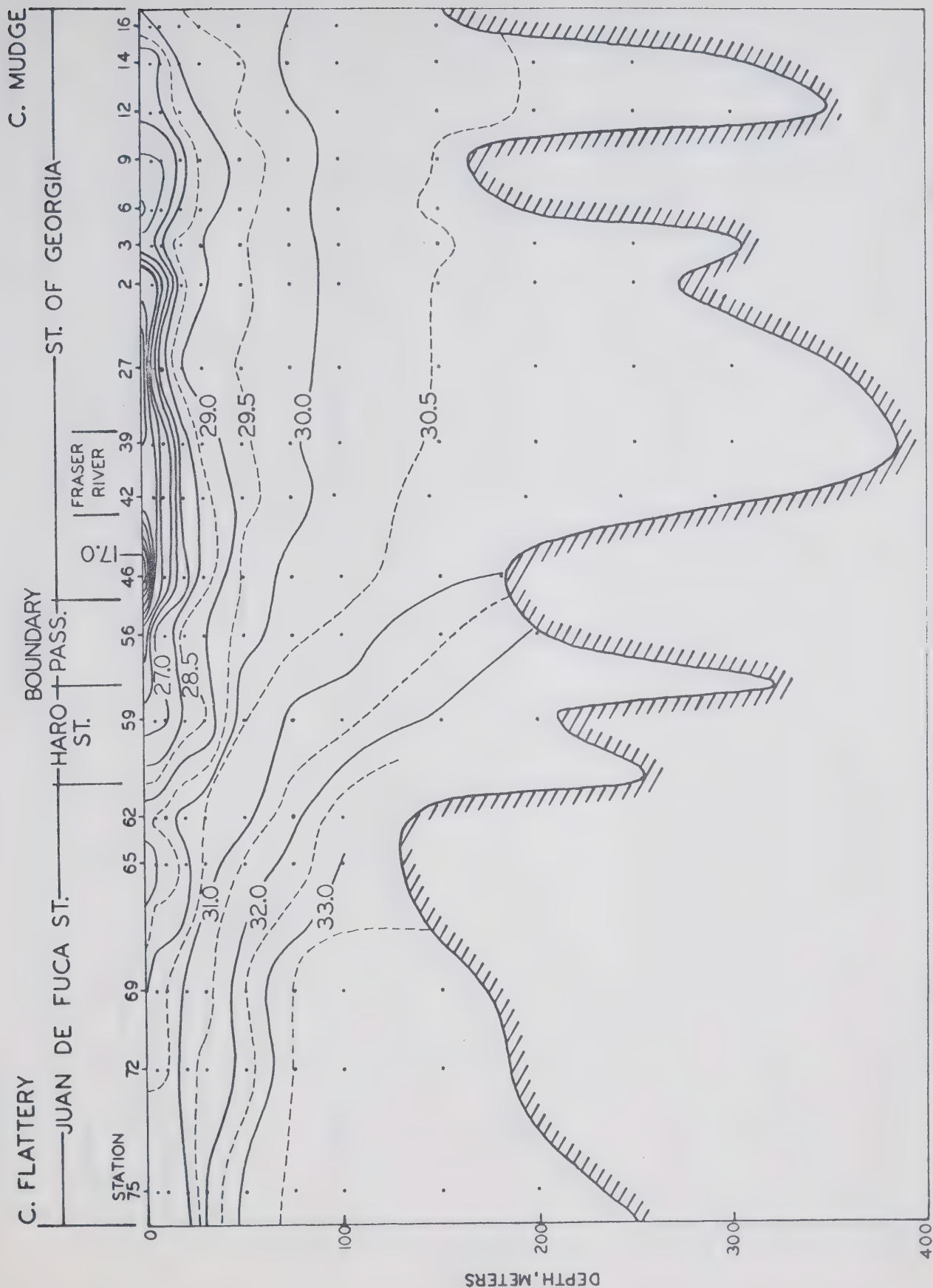


FIG. 30: SALINITY DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 28 JUL. - 2 AUG. 1968



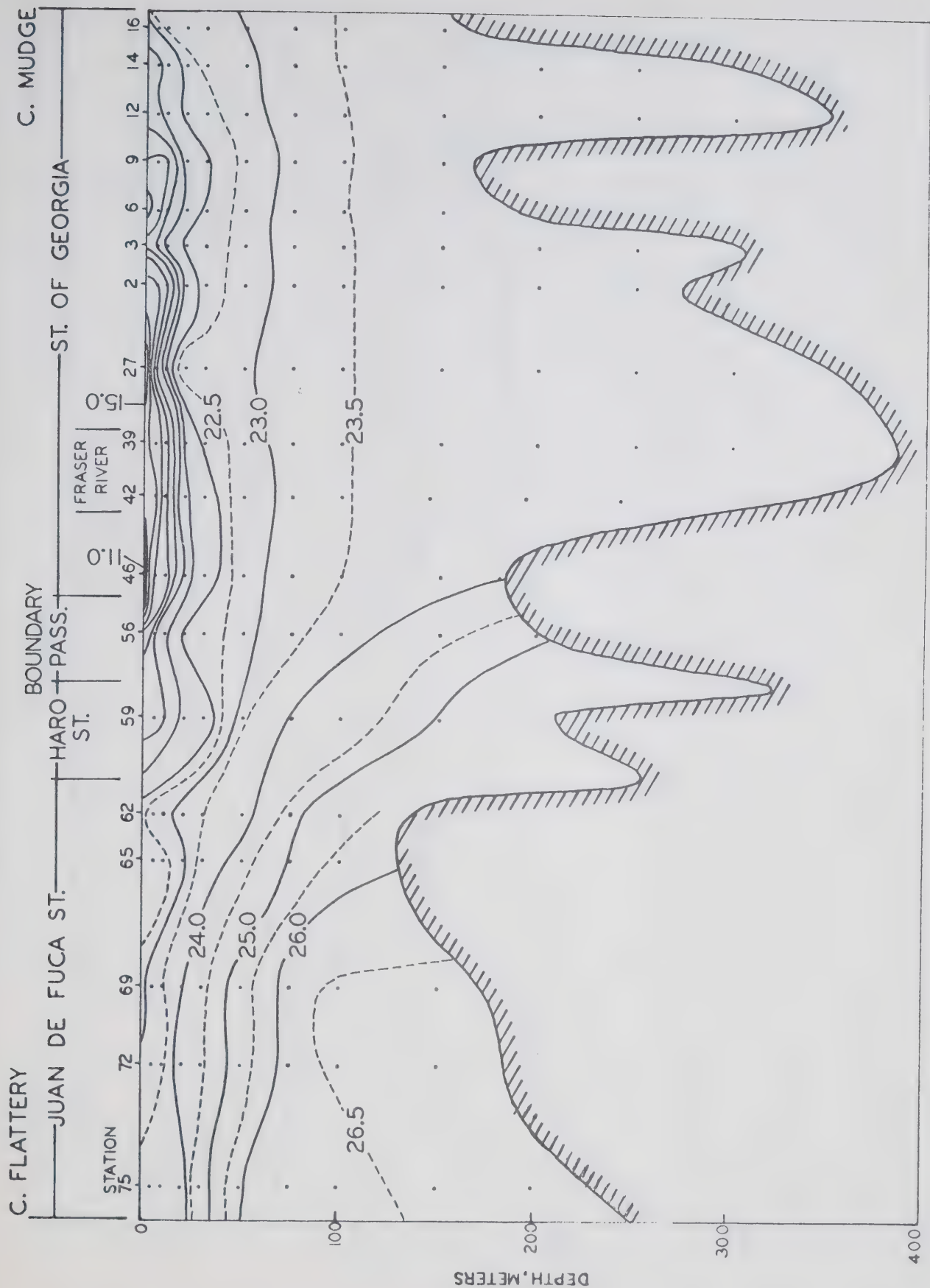


FIG. 31: DENSITY ( $\sigma_t$ ) DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 28 JUL. - 2 AUG. 1968



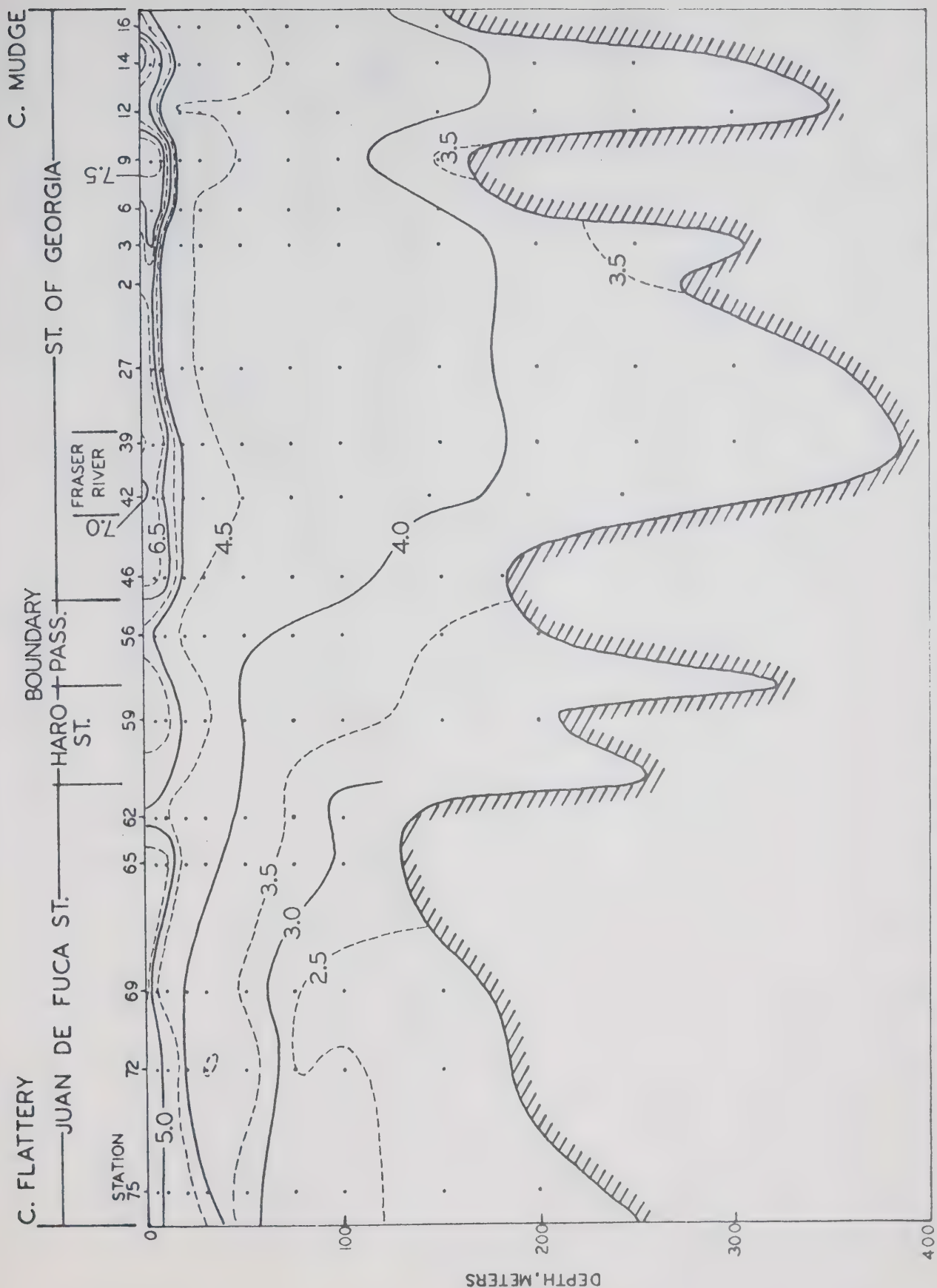


FIG. 32: OXYGEN DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 28 JUL. - 2 AUG. 1968





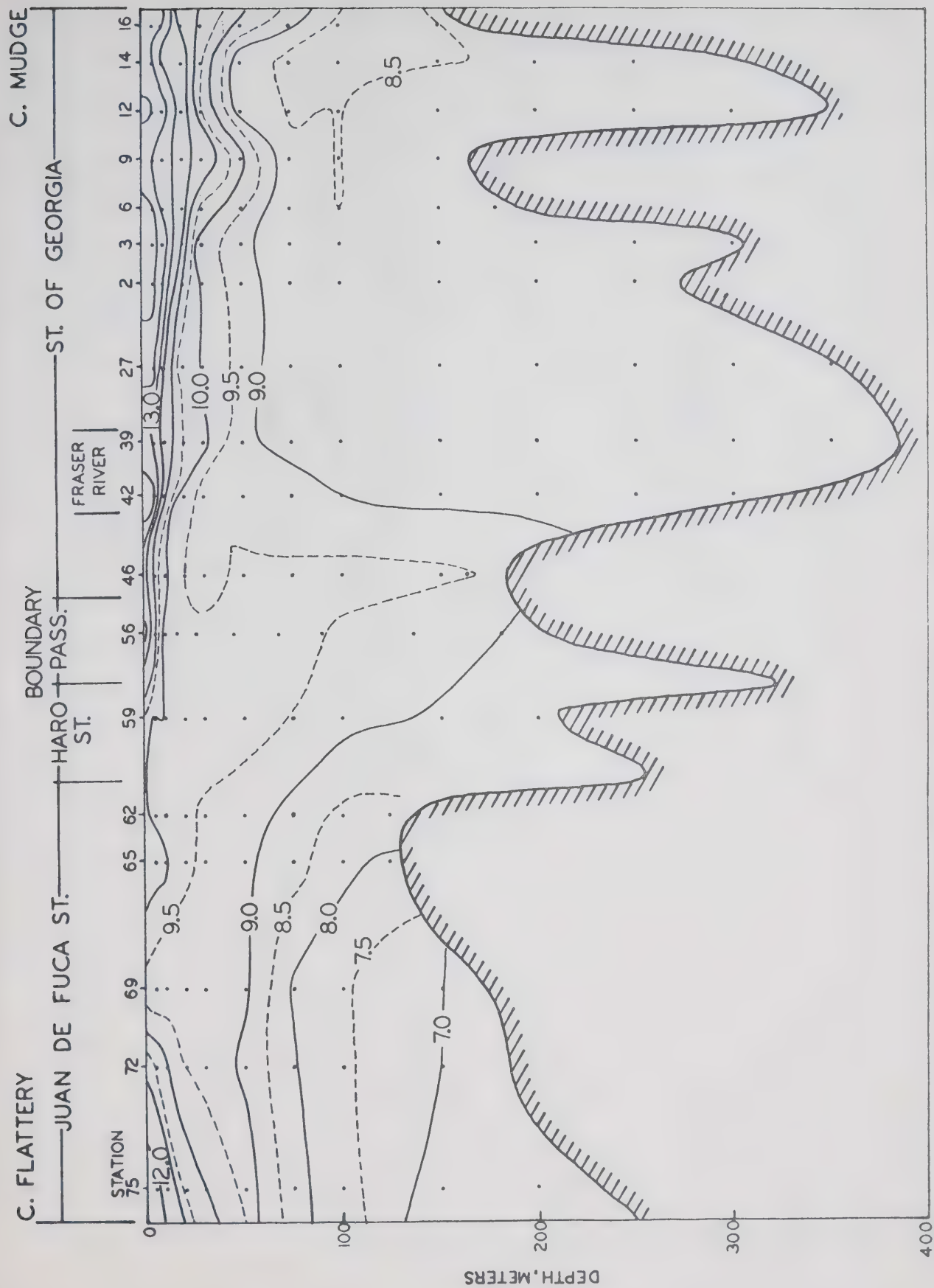


FIG. 33: TEMPERATURE DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 25 - 29 AUG. 1968



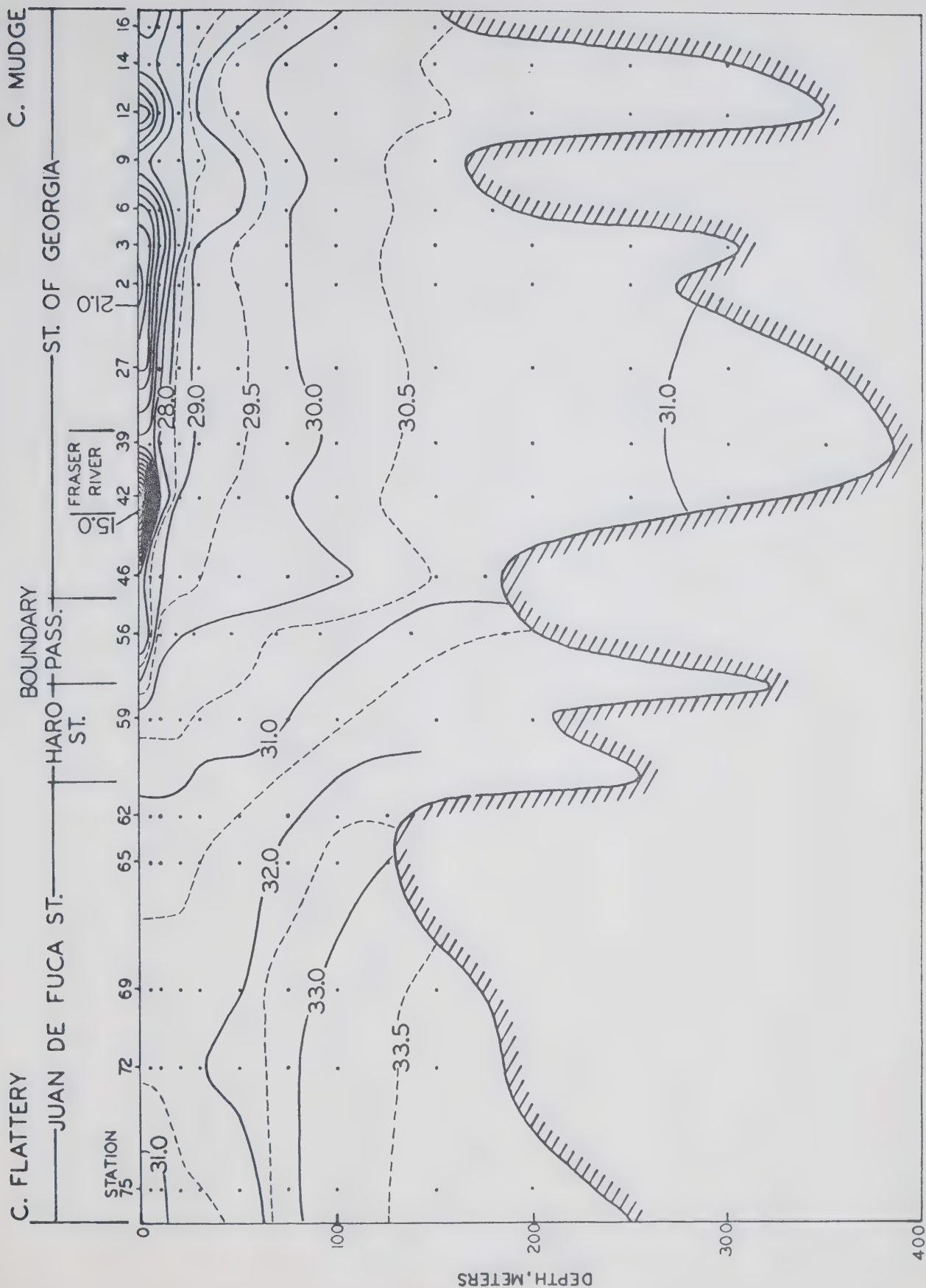


FIG: 34: SALINITY DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 25-29 AUG. 1968





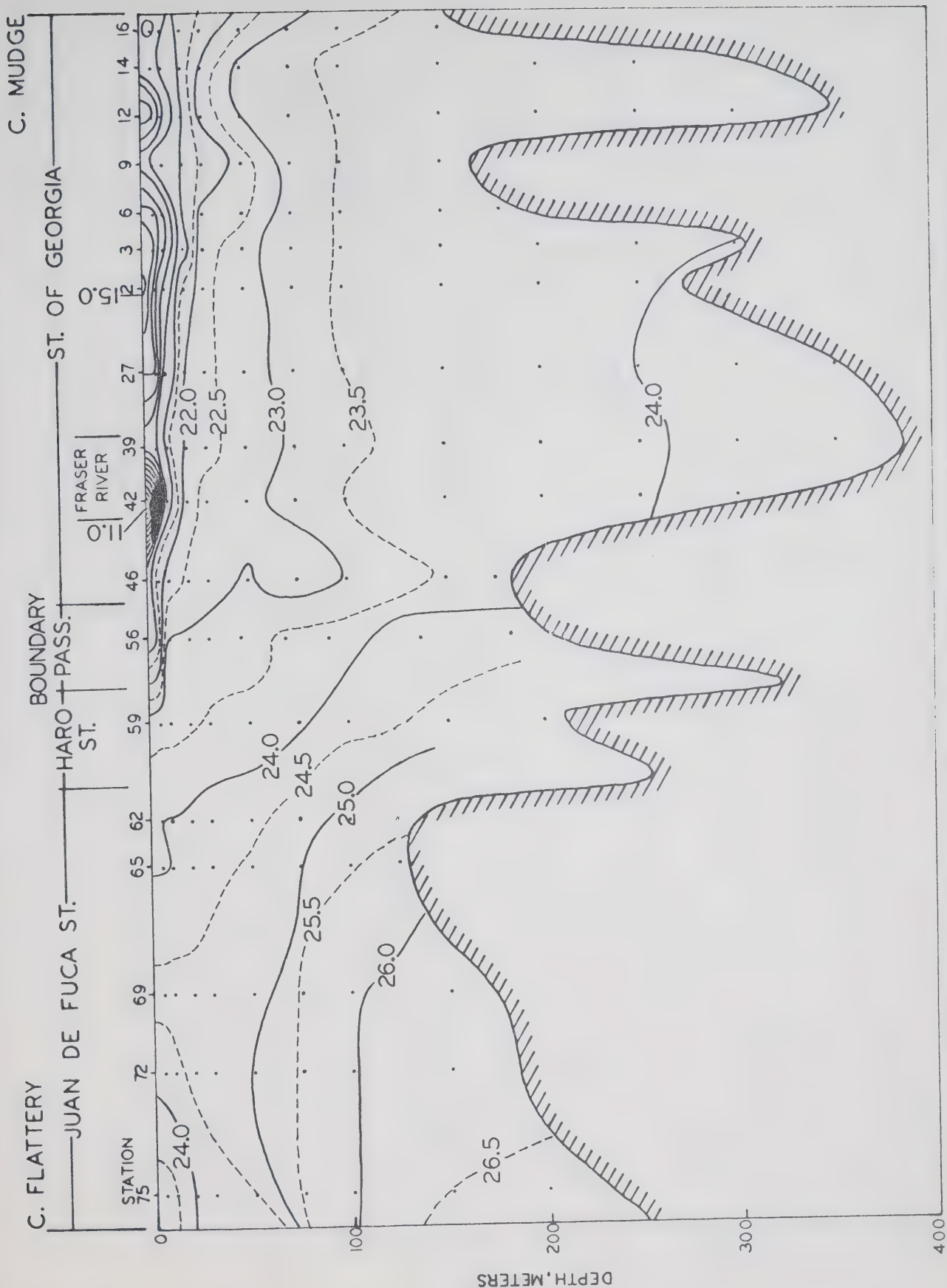


FIG. 35: DENSITY ( $\sigma_t$ ) DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 25-29 AUG. 1968



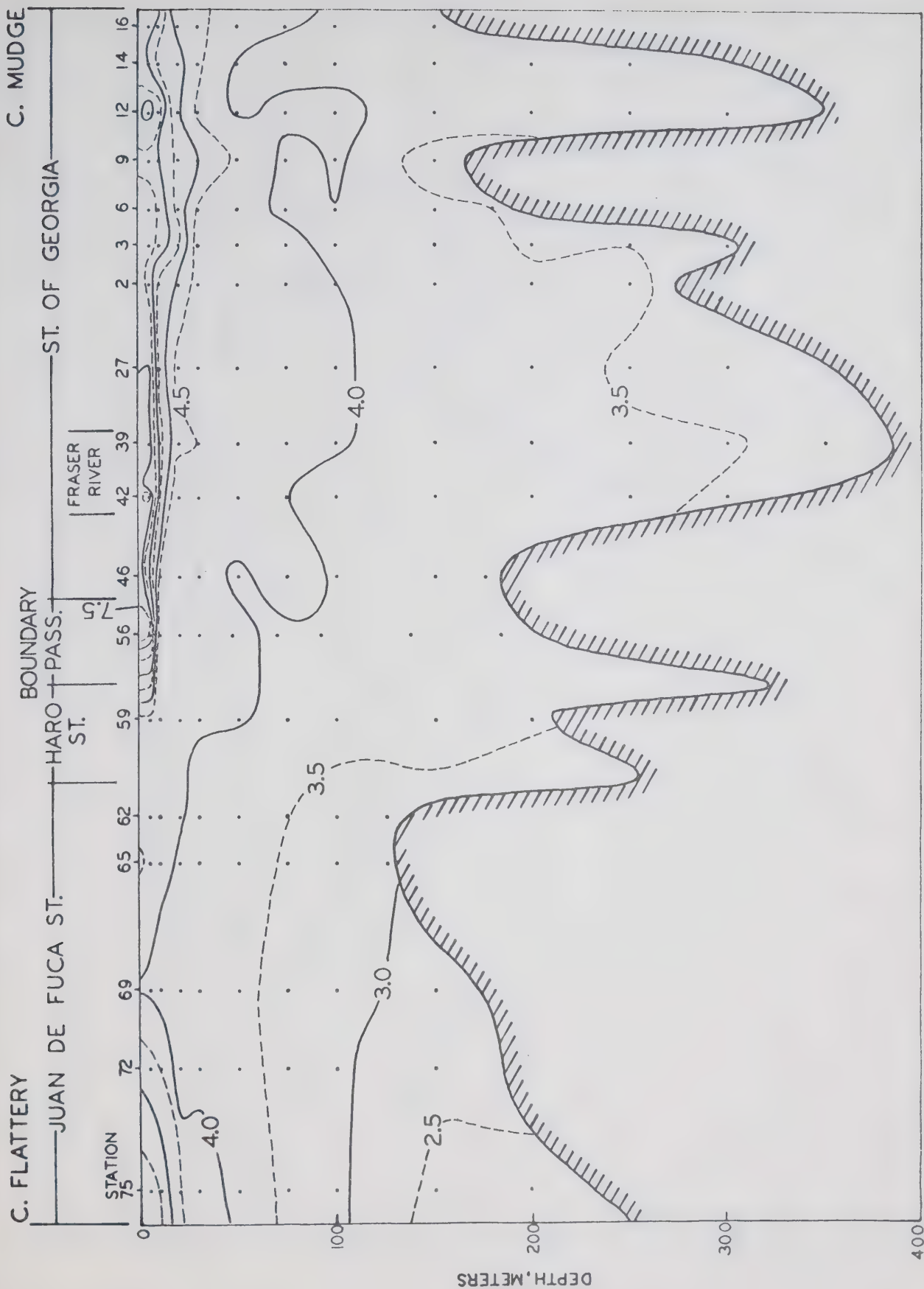


FIG: 36: OXYGEN DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 25-29 AUG. 1968



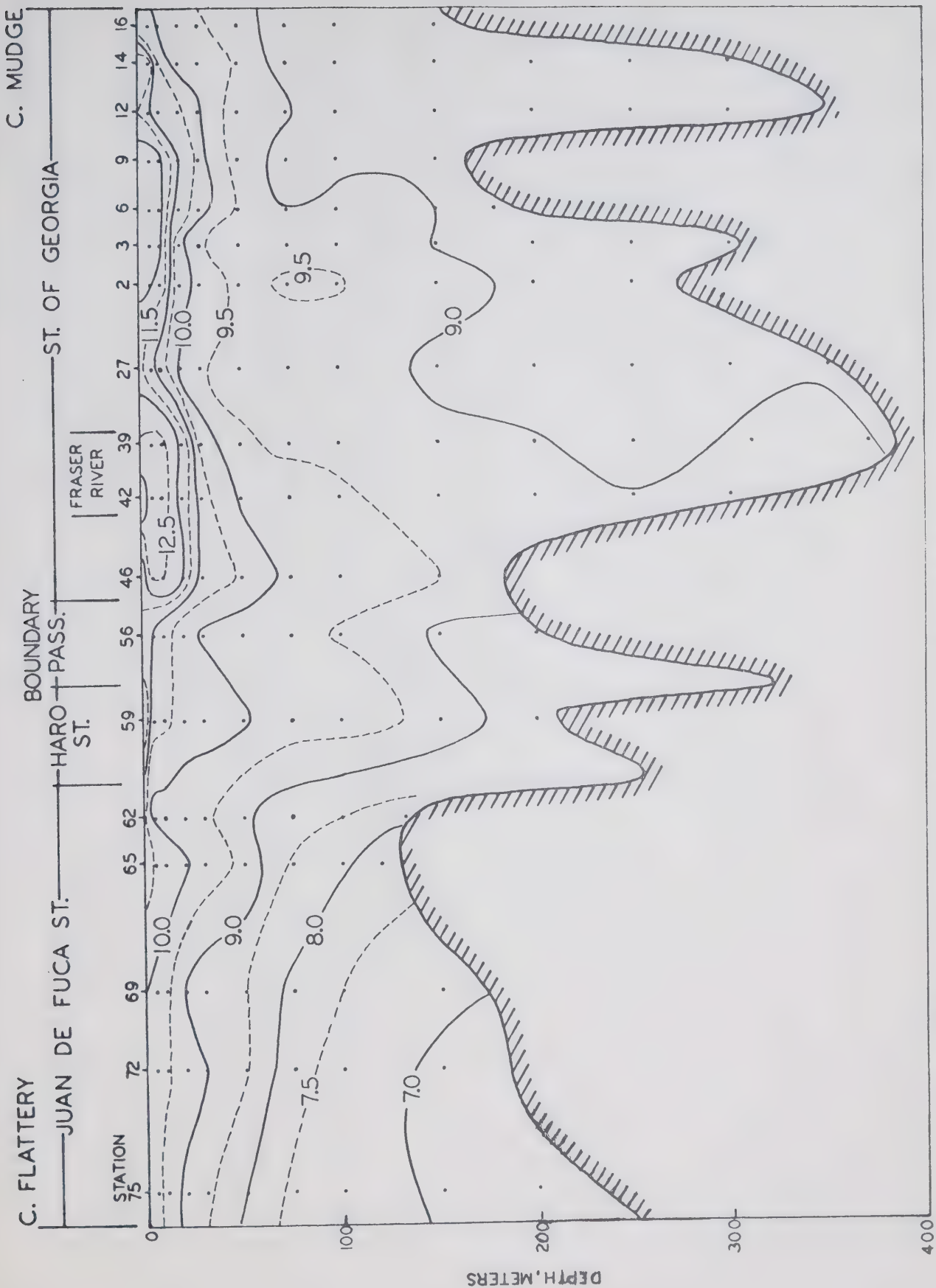


FIG. 37: TEMPERATURE DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 30 SEPT. - 4 OCT. 1968





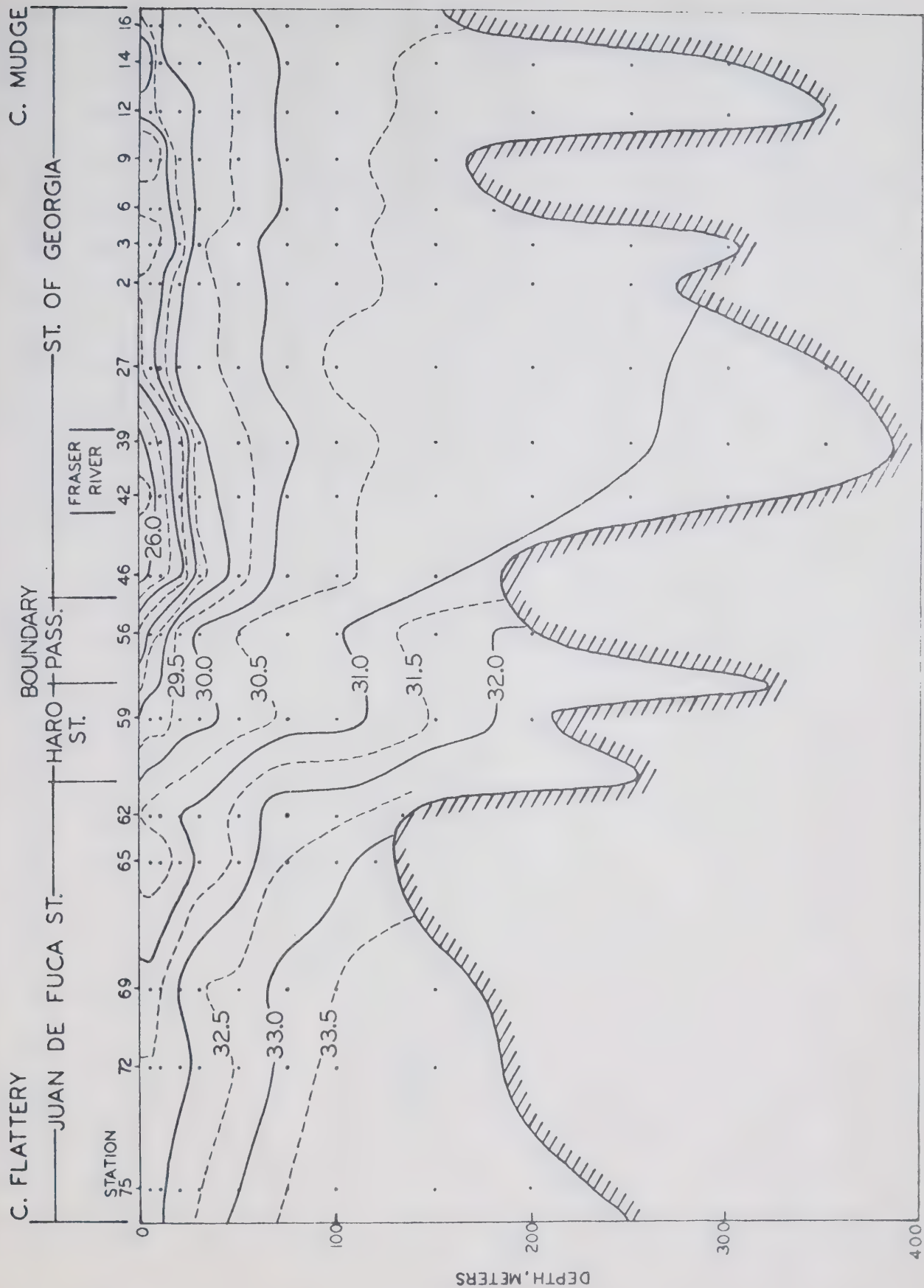


FIG. 38: SALINITY DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 30 SEPT. - 4 OCT. 1968



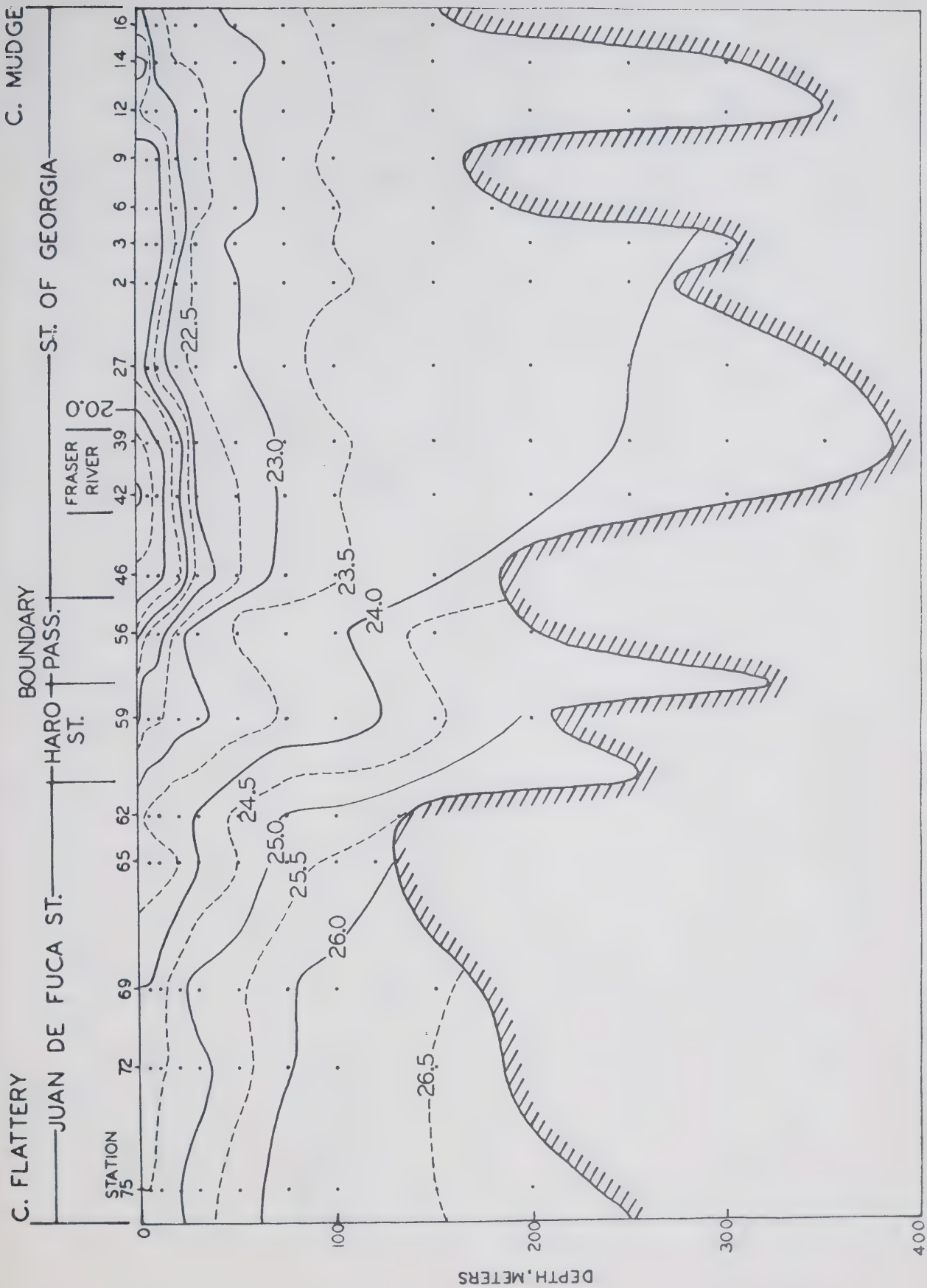


FIG. 39: DENSITY ( $\sigma_t$ ) DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 30 SEPT. - 4 OCT. 1968





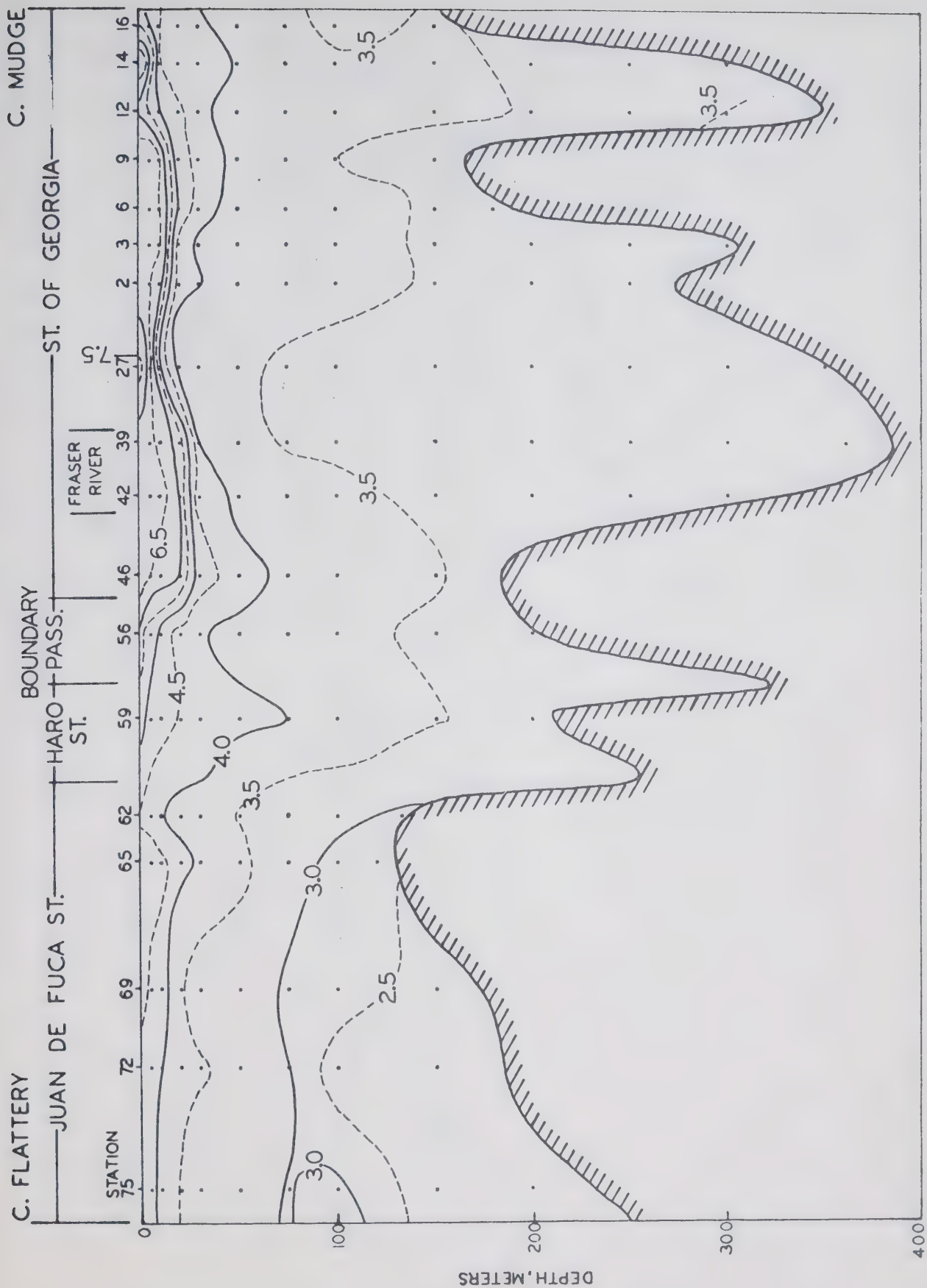


FIG. 40: OXYGEN DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT. 30 SEPT, - 4 OCT. 1968



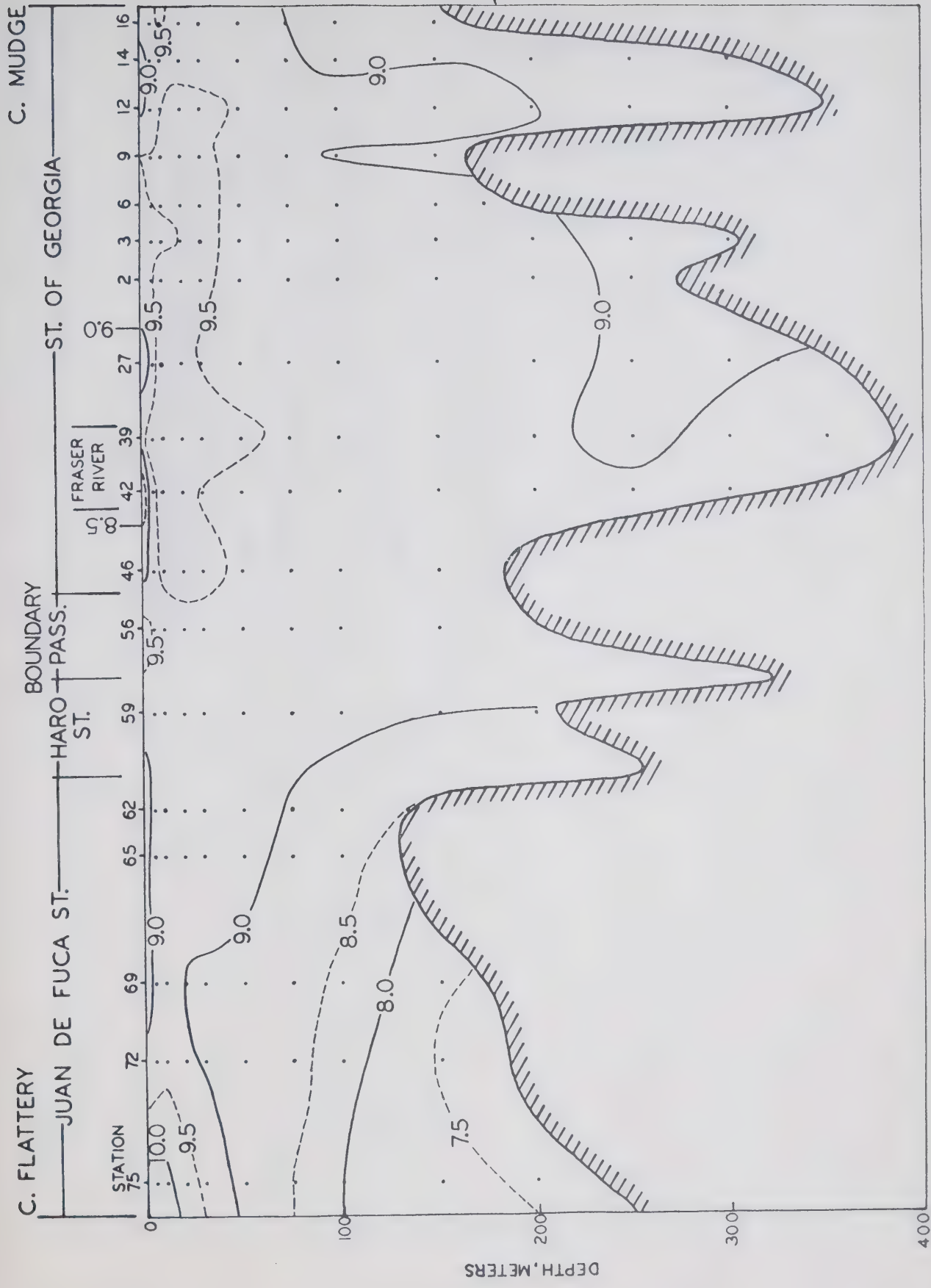


FIG. 41: TEMPERATURE DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 4-8 NOV. 1968



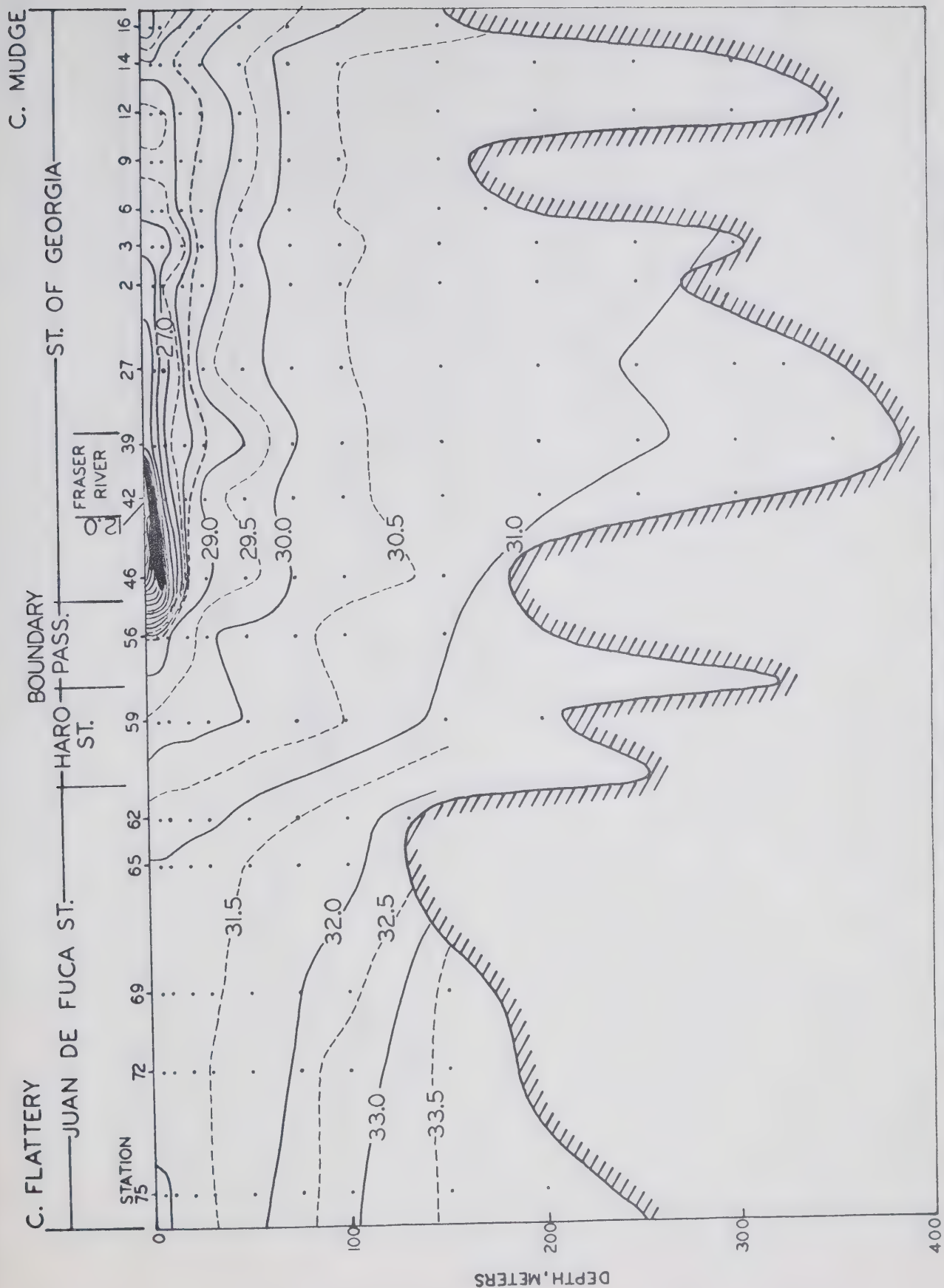


FIG. 42: SALINITY DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 4-8 NOV. 1968





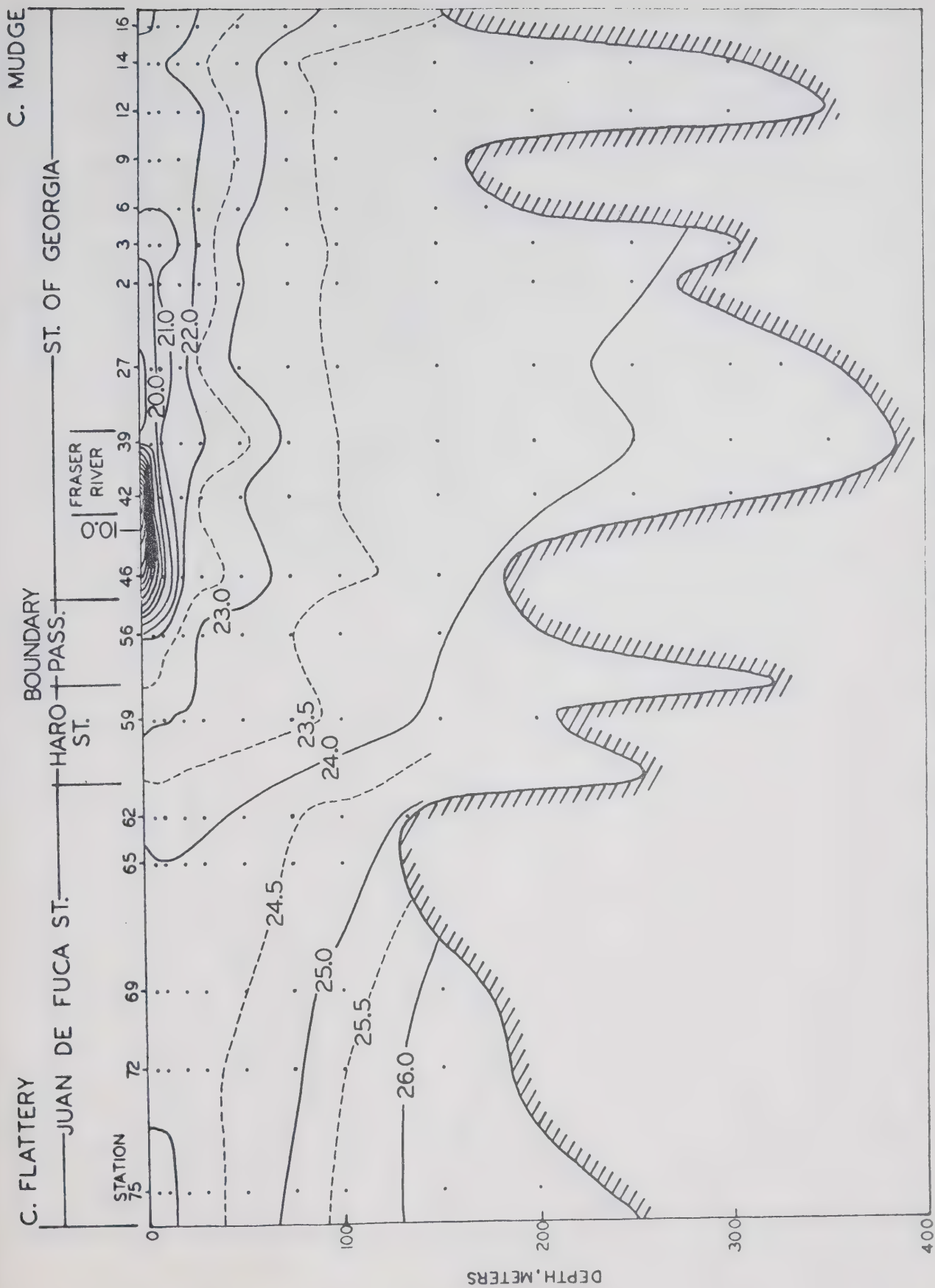


FIG. 43: DENSITY ( $\sigma_t$ ) DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 4-8 NOV. 1968



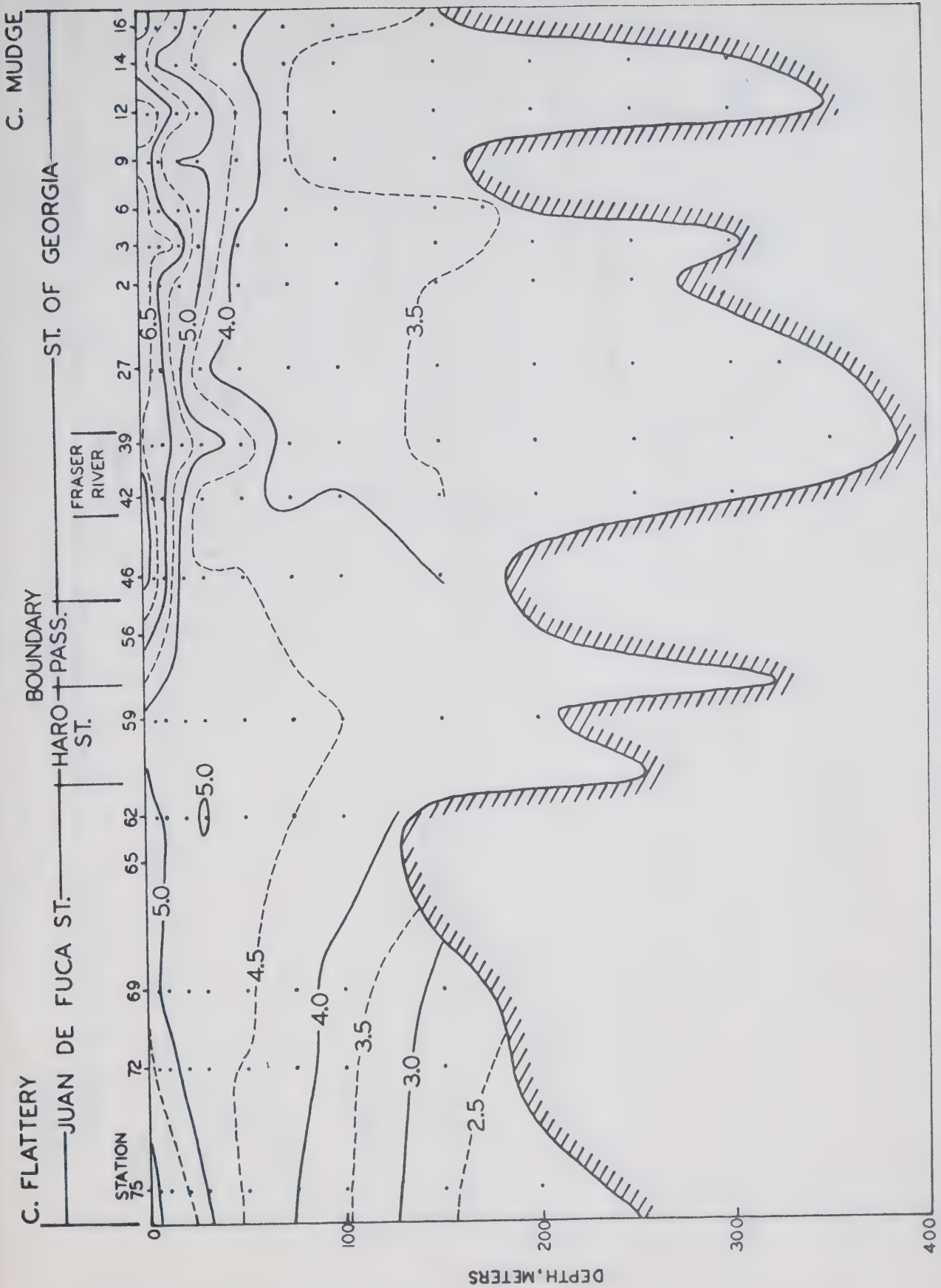


FIG. 44: OXYGEN DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 4-8 NOV. 1968



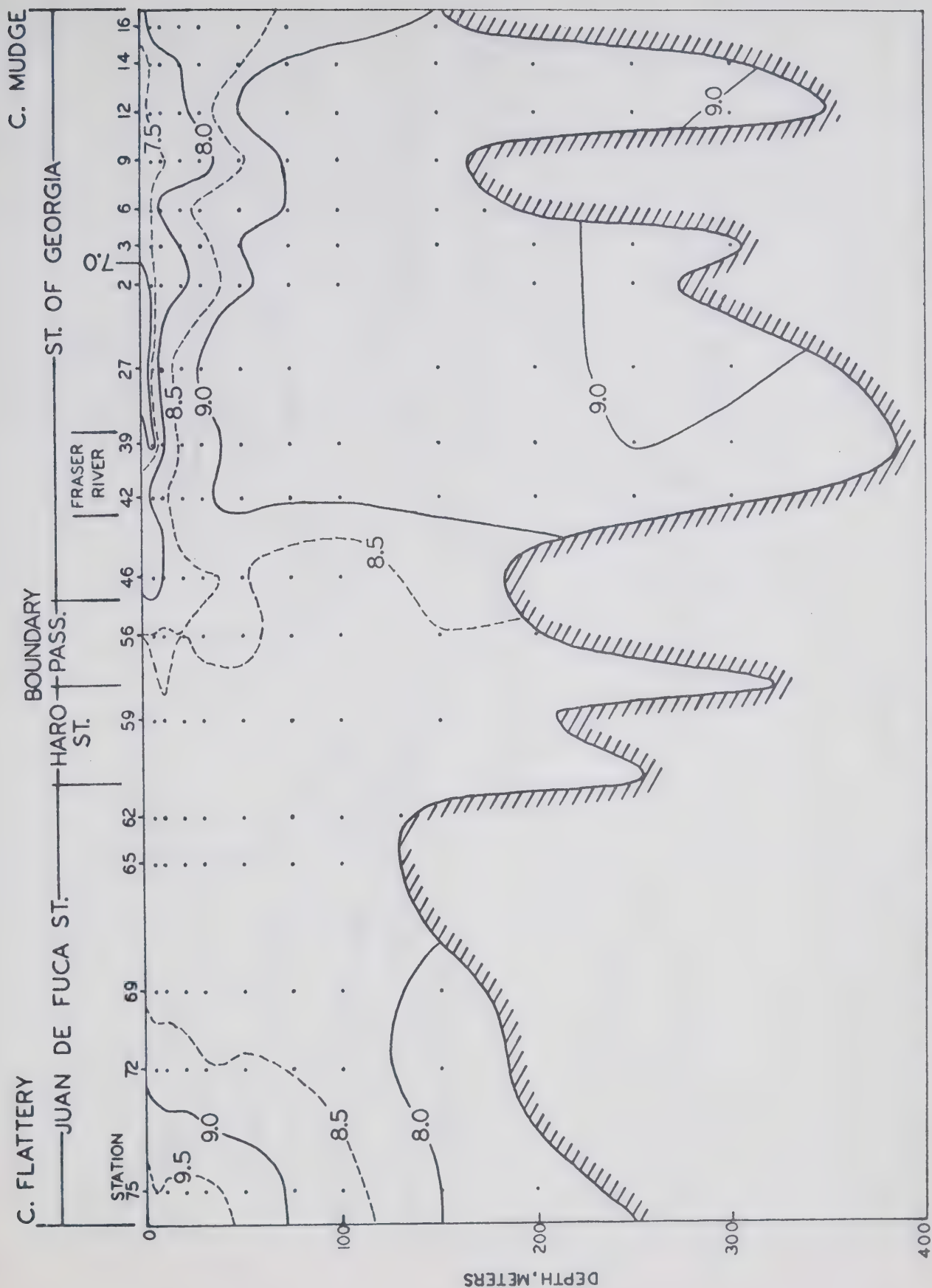


FIG. 45: TEMPERATURE DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 9-13 DEC. 1968





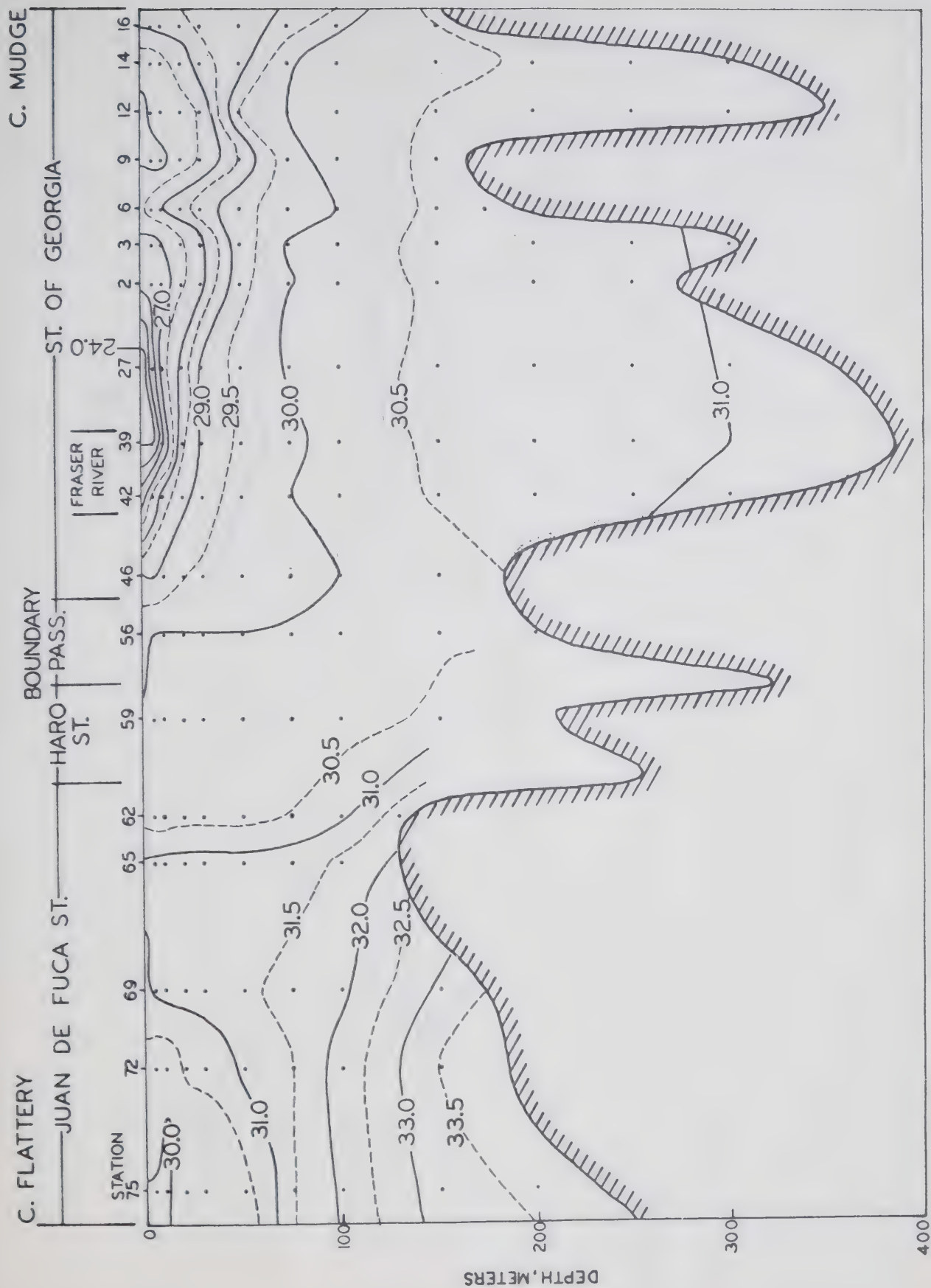


FIG. 46: SALINITY DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 9-13 DEC. 1968



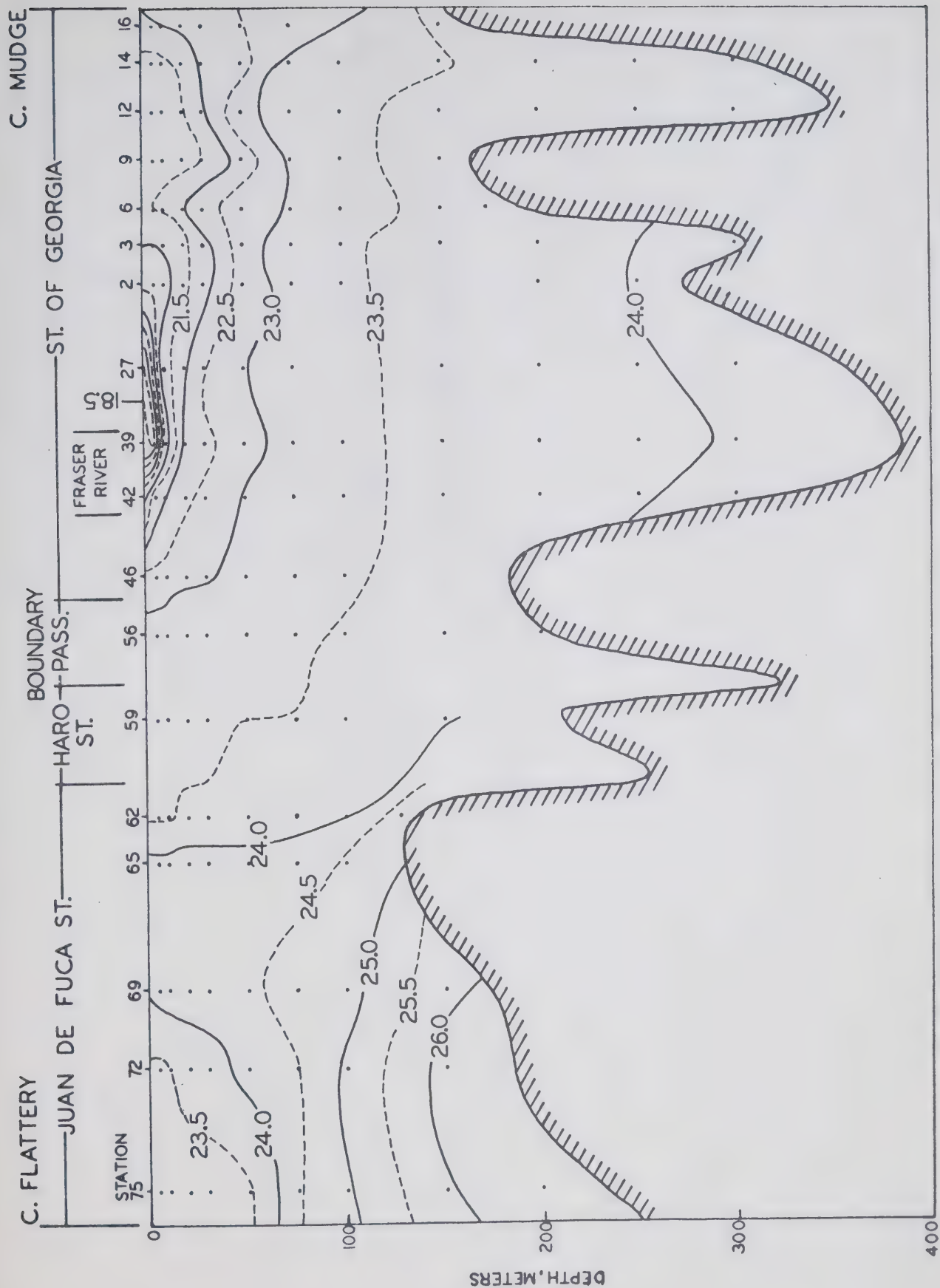


FIG. 47: DENSITY ( $\sigma_t$ ) DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 9-13 DEC. 1968



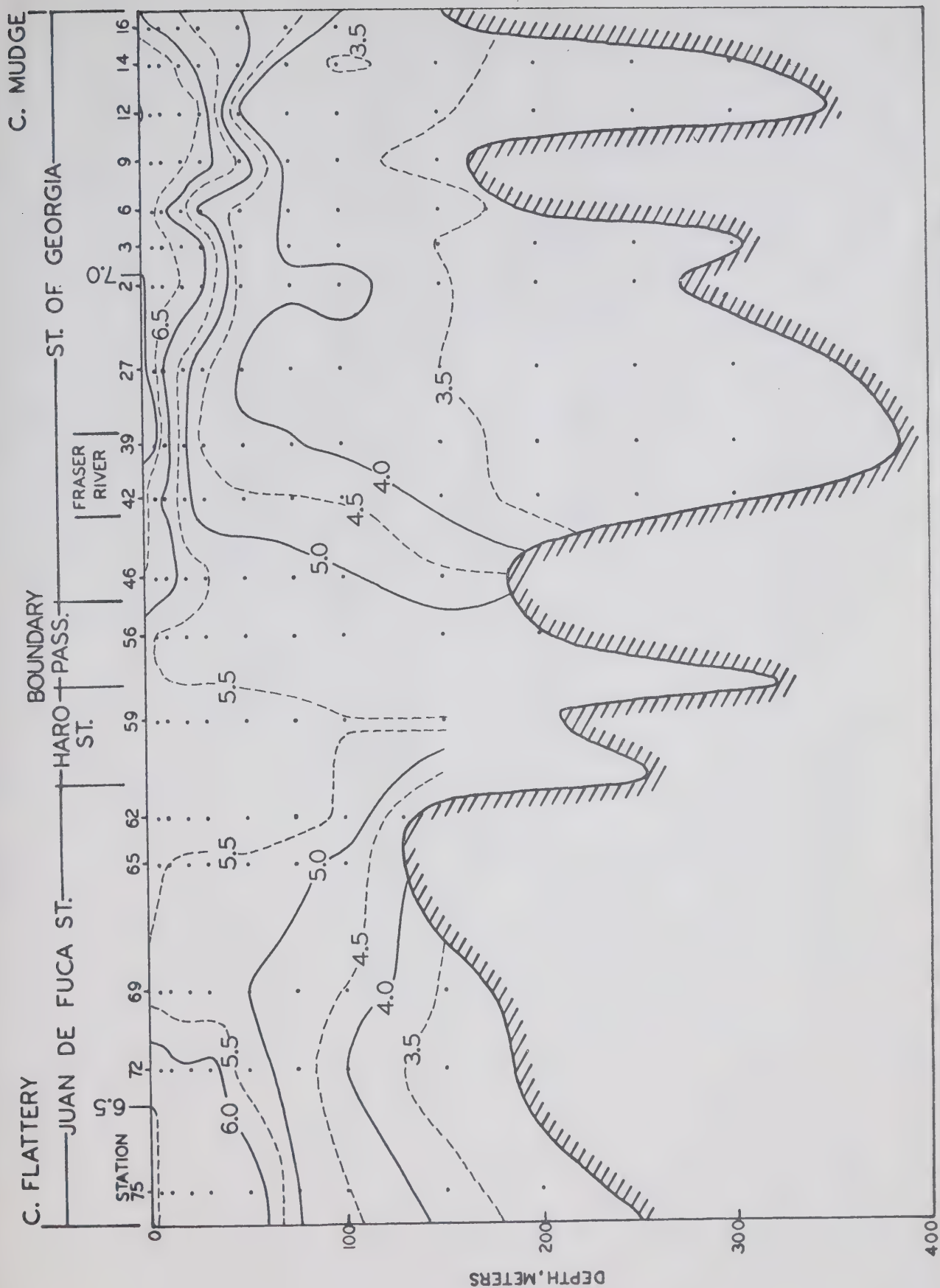


FIG. 48: OXYGEN DISTRIBUTION IN THE STRAIT OF GEORGIA & JUAN DE FUCA STRAIT, 9-13 DEC. 1968







©  
QUEEN'S PRINTER FOR CANADA  
OTTAWA, 1971

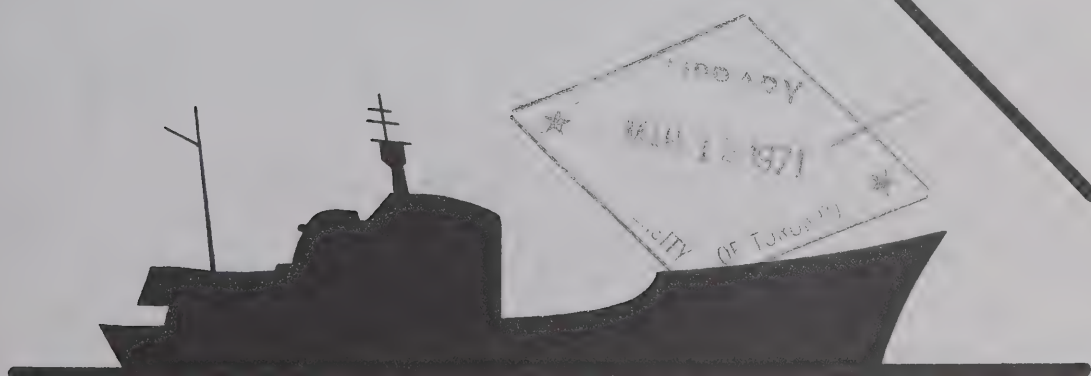
*Canada - Marine Publications*

**OCEANOGRAPHIC RECORDS  
FROM TWELVE CRUISES IN  
THE STRAIT OF GEORGIA  
AND JUAN DE FUCA STRAIT  
1968**

**P.B. Crean  
A.B. Ages**

**Volume 2**

**Winter**



**DEPARTMENT OF ENERGY, MINES AND RESOURCES  
MARINE SCIENCES BRANCH, VICTORIA**



**OCEANOGRAPHIC RECORDS  
FROM TWELVE CRUISES IN  
THE STRAIT OF GEORGIA  
AND JUAN DE FUCA STRAIT  
1968**

**P.B. Crean  
A.B. Ages**

**Volume 2    Winter**

**DEPARTMENT OF ENERGY, MINES AND RESOURCES  
MARINE SCIENCES BRANCH, VICTORIA**





## DESCRIPTION OF MACHINE-GENERATED DATA RECORD



# NOTE

This listing is an Oceans III run.

Until a data record introduction applicable to the Oceans III program can be prepared, please note the following differences with respect to the attached Oceans II introduction:

- (a) in the interpolated portion of the listing, "pressure" is given instead of "depth".
- (b) where the computer finds that an interpolation error estimate of 5 sigmas (E) or greater would have occurred, it branches to a linear interpolation routine. Such linear interpolations are indicated by an interpolation error estimate of "I" in the listing.



## INTRODUCTION

This section applies to the machine processing phase of the data reduction and computation.

The oceanographic data previously recorded on CODC data summary forms, a sample of which is shown on the next page, are transferred to punch-cards for subsequent electronic data processing on an IBM 1620 computer, using CODC's OCEANS II program. In addition to computing routine derived quantities, the program carries out unit and format conversions, range checks, plausibility tests, internal editing, and if required, interpolation at standard oceanographic depths. When interpolations are carried out, additional derived values are computed.

After the data have been processed, the data record is prepared using an IBM 1401 computer configuration with the OCEAN REPORT III program, which provides for pre-edited high speed print-out on continuous direct-image masters. These masters subsequently yield the required volume of copies for distribution.

Provision has been made to enter an "estimate of precision" for each observed variable selected for interpolation at standard oceanographic depths. The precision depends on the instrument and/or technique used to determine the variable. A standard precision stated as a **standard deviation** ( $\sigma$ ) can be determined for each instrument or technique under routine field conditions by making duplicate determinations of the variables for a homogeneous sample of sea water. These standard deviations are given for each cruise under "GENERAL INFORMATION" in section III of the data record.

The **measurement error estimate** of a specific observation in this data record, is stated as a multiple of the standard deviation derived as above, and entered in a column immediately to the right of the reported variable. In order to distinguish it from an additional decimal digit, the measurement error estimate is recorded alphabetically, (i.e.,  $1\sigma = A$ ,  $2\sigma = B$ , etc.; in this data record "A" is suppressed).

An option is provided with respect to the measurement of the salinity variable. If observed to three decimal digits, the last digit takes the place of the measurement error estimate.

In the past, a number of methods for both manual and machine interpolation have been developed. Studies and comparisons of the several methods have shown that no single method is universally acceptable. The manual methods are the most elaborate and flexible, but often require subjective decisions. In machine interpolation, all the present methods fail to yield acceptable results under some circumstances. Hence, it is considered necessary to qualify interpolated values by stating an "**interpolation error estimate**" derived from the particular interpolation formula used. There are two purposes in stating the error estimates; first, to give an indication of the quality of the interpolated data; second, to allow the oceanographer to redesign his observational procedures in order to reduce interpolation errors in future observations.

The interpolation scheme chosen for the OCEANS II program consists of a combination of two 3-point interpolations using the Lagrangian interpolation polynomial, as recommended by Rattray (1962). A parabola is fitted through three values of a given variable ( $T$ ,  $S$ ,  $O_2$ ) considered as a function of depth. The two interpolation parabolas require a total of four points (observed depths). The middle points are common to both parabolas. The average of the two values obtained from the parabolas at standard depth is taken as the interpolated value, and a function of their difference as an estimate of the interpolation error.

This function combined with the "**measurement error estimate**" comprises the "**combined measurement and interpolation error estimate**". It is expressed as a multiple of the standard deviation of measurement ( $\sigma$ ) under normal routine field conditions by:

## CANADIAN OCEANOGRAPHIC DATA CENTRE

1 IDENT. CODE		2 LATITUDE (N = +)		3 LONGITUDE (W = +)		5 DATE		6 TIME		7 DEPTH		9 NO. DEPTHS OBS'D.		VESSEL																														
COUNTRY INST.		DEG. MIN. 1/10		DEG. MIN. 1/10		YEAR MONTH DAY		HOURS G.M.T. 1/10		TO BOTTOM				ENTERED BY																														
1 8														CHECKED BY																														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																					
10	WATER		WAVES I		WAVES II		WIND		W.W. CODE		CLOUD		HOURS AFTER H.W.		UNASSIGNED		CRUISE REFERENCE NUMBER		CONSEC. NUMBER		OBS. NO.																							
20	COLOUR TRANS.		DW DPW HW		DW DPW HW		DIR.		1/10		1/10		1/10								1																							
36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
6 TIME		7 DEPTH OF SAMPLE		8 TEMPERATURE		9 SALINITY		10 OXYGEN		13 PO <sub>4</sub> - P		14 TOTAL - P		15 NO <sub>2</sub> - N		16 NO <sub>3</sub> - N		17 SiO <sub>2</sub> - Si		18 P.H.		CARD NO.																						
1			e		e		d/e		e		e										3																							
2																					3																							
3																					3																							
4																					3																							
5																					3																							
6																					3																							
7																					3																							
8																					3																							
9																					3																							
10																					3																							
11																					3																							
12																					3																							
13																					3																							
14																					3																							
15																					3																							
16																					3																							
17																					3																							
18																					3																							
19																					3																							
20																					3																							
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	80				



$$\frac{\sigma_i}{\sigma} = \left\{ \frac{(\Delta V_i)^2}{\sigma^2} + \sum_{n=j-2}^{j+1} (\gamma_n)^2 \left( \frac{\sigma_n}{\sigma} \right)^2 \right\}^{1/2}, \text{ where}$$

$\sigma$  = Standard deviation of the combined error estimates at standard oceanographic depth,

$\Delta V_i$  = the interpolation error estimate of variable "V" at standard oceanographic depth =  $^{1/3} (\bar{V}_{i_1} - V_{i_2})$

$\gamma$  = Interpolation polynomial coefficient.

$Z_j$  = Observed depth.

$Z_i$  = Standard oceanographic depth, such that:  $Z_{j-2} < Z_{j-1} < Z_i < Z_j < Z_{j+1}$

The integral part of the fraction  $\frac{\sigma_i}{\sigma}$ , if  $\geq 2$ , is reported in this Data Record following the interpolated variable. It represents the combined measurement and interpolation error estimate. In order to distinguish it from an additional decimal digit, it is recorded alphabetically (e.g.: 2 as "B", 3 as "C", etc.).

With respect to the interpolated value of the salinity variable if reported to three decimal digits, the interpolation error estimate is given only when  $\frac{\sigma_i}{\sigma} \geq 2$  (the salinity is then recorded to two decimal places). If less than 2, the mean obtained from the two interpolation parabolas is reported to three decimal places.

## EXPLANATION OF DATA RECORD HEADINGS

### MASTER HEADINGS

(1) C-REF-NO	(6) YR	(11) DEPTH	(16) WAVES 1	(21) AIR T	(26) VIS
(2) CONS. NO	(7) MONTH	(12) MXSAMPD	(17) WAVES 2	(22) WET B	(27) STN
(3) LAT	(8) DAY	(13) NO. DPTH	(18) WND-DIR	(23) ww-CODE	
(4) LON	(9) HR	(14) W-COLOR	(19) WND-FCE	(24) CLD-TPE	
(5) MARSD SQ	(10) C/I	(15) W-TRNSP	(20) BARO	(25) CLD-AMT	(28) HW

**(1) CRUISE REFER-**

**ENCE NUMBER:** Assigned by the Institute. Commences with 001 at the beginning of each year (effective Jan. 1, 1963). Prior to that date the CRN was a number designated by CODC.

**(2) CONSECUTIVE**

**NUMBER:** Indicates the chronological order in which the stations were occupied.

**(3) LATITUDE:**

Indicate the position of the platform at the time of observation.

**(4) LONGITUDE:**

**(5) MARSDEN SQUARE:** Designates the geographic area code of the observation (see Marsden square chart).

**(6) YEAR:**

**(7) MONTH:**

**(8) DAY:**

**(9) HOUR:**

The time (Greenwich Mean Time) at which the surface environmental data were recorded. It is reported to tenths of hours (Table 1).  
If an "X" precedes the value for HOUR, (prior to Jan. 1, 1963) it indicates that the reported time is doubtful.

**(10) COUNTRY/  
INSTITUTE:**

The International Geophysical Year (IGY) Country Code/Institute Code - see Table 11.

**(11) DEPTH:**

The sounding reported in metres. If corrected, this is stated in the "GENERAL INFORMATION" chapter of section III. Charted depths are preceded by the letter "C".

**(12) MAXIMUM**

**SAMPLING DEPTH:** A code to indicate the deepest sampling depth (used for high speed sorting).  
00 m - 50 m = 00  
51 m - 150 m = 01  
151 m - 250 m = 02  
etc.

- (13) NUMBER OF DEPTHS: The number of levels observed (this is entered to initiate a computer safety check, guarding against the loss of punch-cards).
- (14) WATER COLOUR: A code based on the percentage of yellow (see table 2 and Note under FIELD "15" below).
- (15) WATER TRANSPARENCY: The depth in metres at which a Secchi disc (white disc, 30 cm. in diameter) just disappears from view, or the optical density expressed in percentage;

NOTE: The "GENERAL INFORMATION" chapter in section III of the data record will state which method was used.

- (16) WAVES 1  
( $d_w d_w P_w H_w$ -code): The direction, period and height of the **wind-propagated** wave system. (See Tables 3, 4 and 5). Ref: World Meteorological Organization Codes 0885, 3155, 1555.
- (17) WAVES 2  
( $d_w d_w P_w H_w$ -code): The direction, period and height of the predominant **non-wind-propagated** wave system. (See Tables 3, 4 and 5). Ref: World Meteorological Organization Codes 0885, 3155, 1555.
- (18) WIND DIRECTION: The true direction to the nearest 10 degrees from which the wind is blowing (wind direction 990 means:—wind variable or direction unknown).
- (19) WIND FORCE  
(WND-FCE): Beaufort notation (See Table 6).
- WIND SPEED  
(WND-SPD): Anemometer reading reported in metres per second. Instrument height reported in "GENERAL INFORMATION" chapter of section III.
- (20) BAROMETER: The barometric pressure reported in millibars: the "GENERAL INFORMATION" chapter in Section III of the data record will state the type of instrument used.
- (21) AIR TEMPERATURE: In degrees Celsius.
- (22) WET BULB: In degrees Celsius.
- (23) ww CODE: Present Weather Code (See Table 7). Ref: WMO Code 4677
- (24) CLOUD TYPE: The type of predominating clouds (See Table 8). Ref: WMO Code 0500.
- (25) CLOUD AMOUNT: The sky coverage in eighths (See Table 9) Ref: WMO Code 2700
- (26) VISIBILITY: Visibility at the surface (See Table 10). Ref: WMO Code 4300.
- (27) STATION: A station reference number, assigned by the institute prior to, or during the survey.
- (28) HOURS AFTER HIGH WATER: Indicates the state of the tide for nearshore observations.

## OBSERVED DATA HEADINGS

(1) GMT	(2) DEPTH	(3) TEMP	(4) SAL	(5) OXYGEN	(6) SGMT
(7) SOUND	(8) $PO_4$	(9) -P-	(10) $NO_2$	(11) $NO_3$	(12) $SiO_2$
				(13) pH.	

NOTE: Headings (1) to (7) will always be present. Headings (8) to (13) appear only when one or more additional chemical entries were made.

(1) G.M.T.: The Greenwich Mean Time of (in-situ) thermometer inversion and sea water sample collection.

When a multiple cast was initiated prior to and continued after midnight, the times indicated are uninterrupted by the change of day and appear beyond 24.0 hours. This will be accompanied by a statement: "MULTIPLE CAST CONTINUED NEXT DAY", which is printed following the last level of observed values.

(2) DEPTH: The depth in metres at the reversal time of deepest cast.

(3) TEMPERATURE: Temperatures from deepsea reversing thermometers, read to 0.01° C. Surface temperature measurement procedures are described in the chapter "OBSERVATION PROCEDURES" of section I, and/or the "GENERAL INFORMATION" chapter of section III. An alphabetical character following the temperature value represents the measurement error estimate referred to in the INTRODUCTION to this section.

(4) SALINITY: Salinity as defined by:  $S = 0.03 + 1.805 C1\%$ , reported in:  
 a. 1/100 parts per 1000, or  
 b. 1/1000 parts per 1000.

In case a: an alphabetical character following the value is the measurement error estimate as referred to under (3).

In case b: no error estimate indication is provided for, but an additional decimal digit takes its place.

(5) OXYGEN: The concentration of dissolved oxygen expressed in millilitres per litre to 2 decimal places. An alphabetical character following the value is the measurement error estimate as referred to under (3).

(6) SIGMA-T: The specific gravity anomaly as defined by:  $(\text{Specific gravity} - 1) \times 10^3$  (e.g.,  $\sigma_t$  reported as 2456, reads 24.56, and corresponds to a specific gravity of 1.02456).

(7) SOUND: The sound velocity is reported in m/sec. to 1 decimal place (e.g., 1437.9 m/sec.). The computation is carried out using Wilson's formula (1960), expressed in terms of temperature, salinity and total pressure.



(8) PO <sub>4</sub>	Phosphate-Phosphorus reported to hundredths of microgram-atoms per litre.
(9) -P-	Total Phosphorus reported to hundredths of microgram-atoms per litre.
(10) NO <sub>2</sub>	Nitrite-Nitrogen reported to hundredths of microgram-atoms per litre — No dissolved nitrogen included —
(11) NO <sub>3</sub>	Nitrate-Nitrogen reported to tenths of microgram-atoms per litre.
(12) SiO <sub>2</sub>	Silicate-Silicon reported in whole microgram-atoms per litre.
(13) pH	The pH value.

NOTE: "TRC" (trace) is reported when a chemical entry has a value less than the standard deviation of measurement for that particular variable.

#### INTERPOLATED DATA HEADINGS

(1) DEPTH	(2) TEMP	(3) SAL	(4) OXYGEN	(5) SGMT	(6) SOUND
(7) DELTA-D	(8) POT-EN	(9) SVA.			

- (1) DEPTH: Standard Oceanographic Depth in whole metres, as well as additional depths: 125, 175, 225, 3500, 4500, 5500, 6500, 7500, 8500, 9500.
- (2) TEMPERATURE: Interpolated value at standard depth, followed by the combined measurement and interpolation error estimate (see "INTRODUCTION" to section II of the data record).
- (3) SALINITY:
- A. The reported salinity values are measured to three decimal places.
    - (i) the interpolation error estimate is less than twice the standard deviation of measurement
      - the interpolated value is reported to three decimal places (e.g., 30.139).
    - (ii) the interpolation error estimate is equal to or greater than twice the standard deviation of measurement.
      - the interpolated value is reported to two decimal places, and followed by the interpolation error estimate (e.g., 29.23 C).
  - B. The reported salinity values are measured to two decimal places and followed by the measurement error estimate.
    - the interpolated value is reported to two decimal places, and followed by the combined measurement and interpolation error estimate (e.g., 30.59 B).
- (4) OXYGEN: Interpolated value at standard depth, followed by the combined measurement and interpolation error estimate (see "Introduction" to section II of the data record).

- (5) SIGMA-T: Computed from temperature and salinity values at standard oceanographic depth.
- (6) SOUND VELOCITY: Computed from temperature, salinity and total pressure values at standard oceanographic depth, using Wilson's formula (1960).
- (7) DELTA-D: The geo-potential anomaly as defined by:
- $$\Delta D = \int_0^P \delta dp$$
- $\Delta D$  is expressed in dynamic metres ( $10^8$  ergs/gram) and recorded to three decimal places (e.g., 2.345 dyn. metres).
- (8) POTENTIAL ENERGY ANOMALY: The Potential energy anomaly  $\chi$  as defined by:
- $$\chi = \frac{1}{g} \int_0^P p \delta dp = \int_0^Z \rho p \delta dz$$
- $\chi$  is expressed in units of  $10^8$  ergs/cm<sup>2</sup> and recorded to two decimal places (e.g., 116.44).
- (9) SPECIFIC VOLUME ANOMALY: The specific volume anomaly as defined by:
- $$\delta = \alpha - \alpha_{35.0.P}$$
- $\delta$  is expressed in ml/gr, and conventionally reported as  $10^5 \delta$ , to one decimal place (i.e.,  $\delta$  reported as 1234, reads 123.4, and corresponds to a specific volume anomaly of 0.001234 ml/gr.).



## SPECIAL CHARACTERS

‡ (Record mark): is used to indicate inconsistencies which are printed in an area below the "Observed Data". A corresponding record mark at the extreme left hand side indicates the level at which the inconsistency occurs

\* (Asterisk): this character may occur in the **interpolated** portion of the data record. It is printed at the extreme left hand side of the page, when three or more standard depth levels fall within **any one observed depth interval**. The **third**, and all consequent levels are **preceded** by the asterisk to indicate that more than **two** machine interpolations were carried out, utilizing the same set of interpolation parabolas. The asterisk will also appear when the last standard depth is an extrapolation and there are at least two **interpolations** between the last two observed depths.

Q: appears occasionally in this data record, preceding an observed oxygen value. This "questionable" indicator infers that the value does not fit the usual pattern of oxygen distribution. "The questionable" value could be due to a sampling error and, generally, is not a result of an error in determination.

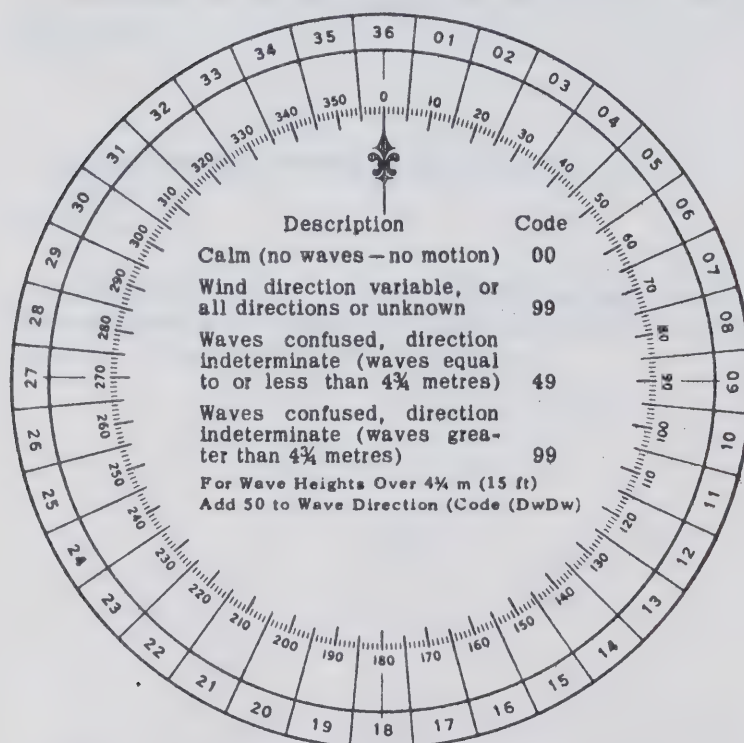
**Table 1**  
**CONVERSION**  
**MINUTES TO  $\frac{1}{4}$  HRS.**

Minutes	Tenths Hrs.
00-03	0
04-08	1
09-15	2
16-20	3
21-27	4
28-32	5
33-39	6
40-44	7
45-51	8
52-56	9
57-59	0 (next HR.)

**Table 2**  
**WATER COLOR CODE**  
**Based on Percentage Yellow**

Code:	Description
00	Deep Blue
10	Blue
20	Greenish Blue
30	Bluish Green
40	Green
50	Light Green
60	Yellowish Green
70	Yellow Green
80	Green Yellow
90	Greenish Yellow
99	Yellow

**Table 3. DIRECTION CODE (dd)**



**NOTE:**

Always use the true direction from which the wind is blowing, or the direction from which Waves I (sea), or Waves II (swell) come.

**Table 4. PERIOD OF THE WAVES (Pw)**

(Measure to the Nearest Second)

Code:	Period in Seconds:	Code:	Period in Seconds:
2	5 sec. or less	8	16 or 17 sec.
3	6 or 7 sec.	9	18 or 19 sec.
4	8 or 9 sec.	0	20 or 21 sec.
5	10 or 11 sec.	1	Over 21 sec.
6	12 or 13 sec.	X	Calm, or period not determined
7	14 or 15 sec.		

**Table 5. HEIGHT OF THE WAVES (Hw)**

- The average value of the wave height (vertical distance between trough and crest) is reported, as obtained from the larger well formed waves of the wave system being observed.
- Each code figure provides for reporting a range of heights. For example: 1 =  $\frac{1}{4}$  m (1 ft) to  $\frac{3}{4}$  m ( $2\frac{1}{2}$  ft); 5 =  $2\frac{1}{4}$  m (7 ft) to  $2\frac{3}{4}$  m (9 ft); 9 =  $4\frac{1}{4}$  m ( $13\frac{1}{2}$  ft) to  $4\frac{3}{4}$  m (15 ft), etc.
- If a wave height comes exactly midway between the heights corresponding to two code figures, the lower code figure is reported; e.g. a height of  $2\frac{3}{4}$  m is reported by code figure 5.

Code			Code
0	Less than ¼ m (1 ft)	Add 50 to Dw Dw	0 5 m (16 ft)
1	½ m ( 1½ ft)		1 5½ m (17½ ft)
2	1 m ( 3 ft)		2 6 m (19 ft)
3	1½ m ( 5 ft)		3 6½ m (21 ft)
4	2 m ( 6½ ft)		4 7 m (22½ ft)
5	2½ m ( 8 ft)		5 7½ m (24 ft)
6	3 m ( 9½ ft)		6 8 m (25½ ft)
7	3½ m (11 ft)		7 8½ m (27 ft)
8	4 m (13 ft)		8 9 m (29 ft)
9	4½ m (14 ft)		9 9½ m (30½ ft) or more
x	Height not determined		

Add  
50  
to  
Dw Dw

**Table 6. WIND FORCE CODE**

The Beaufort force of the wind is estimated from the appearance of the sea surface, according to the table below. This table is only intended as a guide to show roughly what may be expected on the open sea, remote from land. Factors which must be taken into account are the "lag" effect between the wind increasing and the sea getting up; and the influence of "fetch", depth, swell, heavy rain and tide effect on the appearance of the sea. Estimation of the wind force by this method becomes unreliable in shallow water or when close inshore, owing to the tidal effect and the shelter provided by the land.

Code	Appearance of sea if fetch and duration of the blow have been sufficient to develop the sea fully	Description
00	Sea like a mirror	Calm
01	Ripples with the appearance of scales are formed, but without foam crests.	Light Air
02	Small wavelets; crests have a glassy appearance and do not break.	Light Breeze
03	Large wavelets; crests begin to break; foam of glassy appearance; perhaps scattered white horses.	Gentle Breeze
04	Small waves, becoming longer; fairly frequent white horses.	Moderate breeze
05	Moderate waves; many white horses are formed (chance of some spray)	Fresh Breeze
06	Large waves; white foam crests everywhere (probably some spray)	Strong Breeze
07	Sea heaps up and white foam from breaking waves begins to be blown in streaks along the direction of the wind.	Near Gale
08	Moderately high waves; edges of crests begin to break into the spindrift; foam is blown in well-marked streaks along the direction of the wind.	Gale
09	High waves; dense streaks of foam along wind; crests begin to topple, tumble and roll over; spray may affect visibility.	Strong Gale
10	Very high waves with long overhanging crests; foam in great patches blown in dense white streaks along wind; sea surface takes a white appearance; tumbling becomes heavy and shock-like; visibility affected.	Storm
11	Exceptionally high waves (medium sized ships may be lost to view behind waves); sea covered with long white patches of foam lying along the wind; everywhere edges of crests are blown into froth; visibility affected.	Violent Storm
12	Air is filled with foam and spray; sea completely white with driving spray; visibility seriously affected.	Hurricane



Table 7. PRESENT WEATHER

W.W. CODE

## NO PRECIPITATION ON STATION AT TIME OF OBSERVATION

Code figure		ww			
No meteors except photometers	{	00	Cloud development not observed or not observable		
		01	Clouds generally dissolving or becoming less developed		
		02	State of sky on the whole unchanged		
		03	Clouds generally forming or developing		
Haze, dust, sand or smoke	{	characteristic change of the state of sky during the past hour			
		04	Visibility reduced by smoke, e.g. veldt or forest fires, industrial smoke or volcanic ashes		
		05	Haze		
		06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation		
		07	Dust or sand raised by wind at or near the station at the time of observation, but no well developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen		
		08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour or at the time of observation, but no dustorm or sandstorm		
		09	Duststorm or sandstorm within sight at the time of observation, or at the station during the preceding hour		
		10	Mist		
		11	Patches of	{	shallow fog or ice fog at the station, whether on land or sea, not deeper than about 2 metres on land or 10 metres at sea
		12	More of less continuous		
		13	Lightning visible, no thunder heard		
		14	Precipitation within sight, not reaching the ground or the surface of the sea		
		15	Precipitation within sight, reaching the ground or the surface of the sea, but distant (i.e. estimated to be more than 5 km) from the station		
		16	Precipitation within sight, reaching the ground or the surface of the sea, near to, but not at the station		
		17	Thunderstorm, but no precepitation at the time of observation		
		18	Squalls	{	at or within sight of the station during the preceding hour or at the time of observation
		19	Funnel clouds		

ww = 20 - 29	Precipitation, fog, ice fog or thunderstorm at the station during the preceding hour but not at the time of observation		
20	Drizzle (not freezing) or snow grains	{	not falling as shower(s)
21	Rain (not freezing)		
22	Snow		
23	Rain and snow or ice pellets, type (a)		
24	Freezing drizzle or freezing rain		
25	Shower(s) of rain		
26	Shower(s) of snow, or of rain and snow		
27	Shower(s) of hail, or of rain and hail		
28	Fog or ice fog		
29	Thunderstorm (with or without precipitation)		
ww = 30 - 39	Duststorm, sandstorm, drifting or blowing snow		
30	{	Slight or moderate duststorm or sandstorm	- has decreased during the preceding hour
31			- no appreciable change during the preceding hour
32	{	Severe duststorm or sandstorm	- has begun or has increased during the preceding hour
33			- has decreased during the preceding hour
34	{	Slight or moderate blowing snow	- no appreciable change during the preceding hour
35			- has begun or has increased during the preceding hour
36	{	Slight or moderate blowing snow	generally low (below eye level)
37			Heavy drifting snow
38	{	Slight or moderate blowing snow	generally high (above eye level)
39			Heavy blowing snow
ww = 40 - 49	Fog or ice fog at the time of observation		
40	Fog or ice fog at a distance at the time of observation, but not at the station during the preceding hour, the fog or ice fog extending to a level above that of the observer		
41	Fog or ice fog in patches		
42	Fog or ice fog, sky visible	{	has become thinner during the preceding hour
43	Fog or ice fog, sky invisible		
44	Fog or ice fog, sky visible	{	no appreciable change during the preceding hour
45	Fog or ice fog, sky invisible		
46	Fog or ice fog, sky visible	{	has begun or has become thicker during the preceding hour
47	Fog or ice fog, sky invisible		
48	Fog, depositing rime, sky visible		
49	Fog, depositing rime, sky invisible		

## NO PRECIPITATION ON STATION AT TIME OF OBSERVATION

# PRECIPITATION ON STATION AT TIME OF OBSERVATION

## ww = 50 - 59 Drizzle

- |    |  |   |                                      |
|----|--|---|--------------------------------------|
| 50 | Drizzle, not freezing, intermittent          | { | slight at time of observation        |
| 51 | Drizzle, not freezing, continuous            |   |                                      |
| 52 | Drizzle, not freezing, intermittent          | { | moderate at time of observation      |
| 53 | Drizzle, not freezing, continuous            |   |                                      |
| 54 | Drizzle, not freezing, intermittent          | { | heavy (dense) at time of observation |
| 55 | Drizzle, not freezing, continuous            |   |                                      |
| 56 | Drizzle, freezing, slight                    |   |                                      |
| 57 | Drizzle, freezing, moderate or heavy (dense) |   |                                      |
| 58 | Drizzle and rain, slight                     |   |                                      |
| 59 | Drizzle and rain, moderate or heavy          |   |                                      |

## ww = 60 - 69 Rain

- |    |   |   |                                 |
|----|---|---|---------------------------------|
| 60 | Rain, not freezing, intermittent            | { | slight at time of observation   |
| 61 | Rain, not freezing, continuous              |   |                                 |
| 62 | Rain, not freezing, intermittent            | { | moderate at time of observation |
| 63 | Rain, not freezing, continuous              |   |                                 |
| 64 | Rain, not freezing, intermittent            | { | heavy at time of observation    |
| 65 | Rain, not freezing, continuous              |   |                                 |
| 66 | Rain, freezing, slight                      |   |                                 |
| 67 | Rain, freezing, moderate or heavy           |   |                                 |
| 68 | Rain or drizzle and snow, slight            |   |                                 |
| 69 | Rain or drizzle and snow, moderate or heavy |   |                                 |

## 70 - 79 Solid precipitation not in showers

- |    |   |   |                                 |
|----|---|---|---------------------------------|
| ww |   |   |                                 |
| 70 | Intermittent fall of snow flakes                      | { | slight at time of observation   |
| 71 | Continuous fall of snow flakes                        |   |                                 |
| 72 | Intermittent fall of snow flakes                      | { | moderate at time of observation |
| 73 | Continuous fall of snow flakes                        |   |                                 |
| 74 | Intermittent fall of snow flakes                      | { | heavy at time of observation    |
| 75 | Continuous fall of snow flakes                        |   |                                 |
| 76 | Ice prisms (with or without fog)                      |   |                                 |
| 77 | Snow grains (with or without fog)                     |   |                                 |
| 78 | Isolated starlike snow crystals (with or without fog) |   |                                 |
| 79 | Ice pellets, type (a)                                 |   |                                 |

## ww = 80 - 99 Showery precipitation, or precipitation with current or recent thunderstorm

- |    |  |   |   |
|----|--|---|---|
| 80 | Rain shower(s), slight   |   |   |
| 81 | Rain shower(s), moderate or heavy  |   |   |
| 82 | Rain shower(s), violent  |   |   |
| 83 | Shower(s) of rain and snow mixed, slight   |   |   |
| 84 | Shower(s) of rain and snow mixed, moderate or heavy  |   |   |
| 85 | Snow shower(s), slight   |   |   |
| 86 | Snow shower(s), moderate or heavy  |   |   |
| 87 | Shower(s) of snow pellets or ice pellets, type (b), with or without rain                         | { | - slight  |
| 88 | or rain and snow mixed   |   |   |
| 89 | Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder      | { | - moderate or heavy   |
| 90 |  |   |   |
| 91 | Slight rain at time of observation   |   |   |
| 92 | Moderate or heavy rain at time of observation  |   |   |
| 93 | Slight snow, or rain and snow mixed or hail at time of observation                               |   | thunderstorm during the preceding hour but not at time of observation |
| 94 | Moderate or heavy snow, or rain and snow mixed or hail at time of observation                    |   |   |
| 95 | Thunderstorm, slight or moderate, without hail, but with rain and/or snow at time of observation | { | thunderstorm at time of observation                                   |
| 96 | Thunderstorm, slight or moderate, with hail at time of observation                               |   |   |
| 97 | Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation              |   |   |
| 98 | Thunderstorm, combined with duststorm or sandstorm at time of observation                        |   |   |
| 99 | Thunderstorm, heavy, with hail at time of observation  |   |   |

# PRECIPITATION ON STATION AT TIME OF OBSERVATION



**Table 8. CLOUD TYPE CODE**

Code	Cloud Type	Code	Cloud Type
0	Cirrus ..... Ci	5	Nimbostratus ..... Ns
1	Cirrocumulus ..... Cc	6	Stratocumulus ..... Sc
2	Cirrostratus ..... Cs	7	Stratus ..... St
3	Alto cumulus ..... Ac	8	Cumulus ..... Cu
4	Altostratus ..... As	9	Cumulonimbus ..... Cb
X	Cloud not visible owing to darkness, fog, duststorm, sandstorm, or other analogous phenomena		

**Table 9. CLOUD AMOUNT CODE**

Code	Cloud Cover	Code	Cloud Cover
0	0	6	6 oktas
1	1 okta or less, but not zero	7	7 oktas or more, but not 8 oktas
2	2 oktas	8	8 oktas
3	3 oktas	9	Sky obscured, or cloud amount cannot be estimated
4	4 oktas		
5	5 oktas		

Note: 1 okta =  $\frac{1}{8}$  of the sky covered

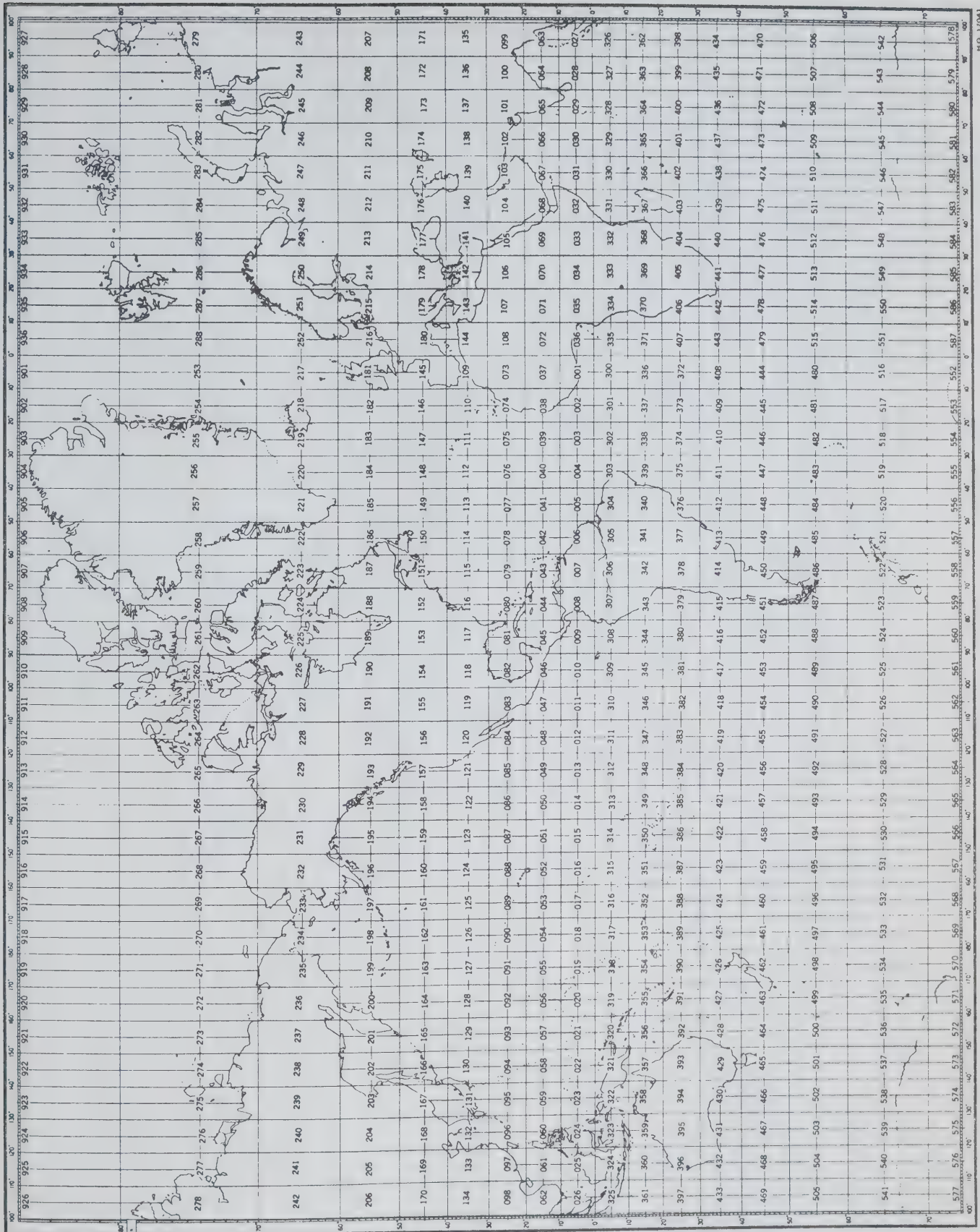
**Table 10. VISIBILITY**

Code	Estimate of hor. Visibility
0	Less than 50 metres (less than 55 yards)
1	50-200 metres (approx. 55-220 yards)
2	200-500 metres (approx. 220-550 yards)
3	500-1,000 metres (approx. 550 yards- $\frac{1}{2}$ n.m.)
4	1-2 km (approx. $\frac{3}{4}$ -1 n.m.)
5	2-4 km (approx. 1-2 n.m.)
6	4-10 km (approx. 2-6 n.m.)
7	10-20 km (approx. 6-12 n.m.)
8	20-50 km (approx. 12-30 n.m.)
9	50 km or more (30 n.m. or more)

Note: n.m. = nautical mile

**TABLE 11. INSTITUTE CODE**

Code	Institute
01	Marine Ecology Laboratory, Bedford Institute
02	Pacific Oceanographic Group
03	Biological Station, St. Andrews, N.B.
04	Arctic Biological Station, Ste. Anne de Bellevue, P.Q.
05	Biological Station, St. John's Nfld.
06	Station de Biologie Marine, Grande Riviere, P.Q.
07	Marine Sciences Branch, Central Region
08	Defence Research Establishment, Atlantic
09	Defence Research Establishment, Pacific
10	Atlantic Oceanographic Laboratory, Bedford Institute
11	Polar Continental Shelf Project
12	Great Lakes Institute
13	Institute of Oceanography, University of British Columbia
14	Institute of Oceanography, Dalhousie University
15	Marine Sciences Branch, Pacific Region
16	Department of Transport
17	Marine Sciences Centre, McGill University
18	Canadian Forces Maritime Command, East Coast
19	Canadian Forces Maritime Command, West Coast
20	Ontario Water Resources Commission
21	Dept. of National Health and Welfare
22	Inland Waters Branch, Dept. of Energy, Mines and Resources.



MARSDEN SQUARE CHART



OCEANOGRAPHIC DATA CRUISE 002/67

4 - 8 DECEMBER 1967





C-REF-NO 002	YR 1967	DEPTH 247	WAVES 1 1223	AIR T	VIS 6
CONS. NO 001	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STA 1
LAT 49-203N	DAY 04	NO.DPTH 9	WND-DIR 120	WW-CODE 01	
LON 124-121W	HR 19.9	W-COLOR	WND-SPD 12	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 993.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
199	0000	0910 B	29108		2252	14795
199	0005	0885	29068		2253	14786
199	0010	0895 B	29102		2254	14791
199	0020	0920	29405		2274	14806
199	0040	0921	29551		2285	14811
199	0060	0939	29737		2297	14824
199	0080	0932	29903		2311	14826
199	0100	0933	30025		2320	14832
199	0200	0924	30807		2383	14855

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0910 B	29108		2252	14795	0000	00000	5329
0010	0895 B	29102		2254	14791	0053	00003	5313
0020	0920	29405		2274	14806	0106	00011	5125
0030	0924 B	2947 I		2279	14810	0157	00024	5076
0050	0930	29643		2291	14818	0258	00065	4966
0075	0935	29864		2308	14826	0380	00143	4812
0100	0933	30025		2320	14832	0500	00250	4692
0125	0932	3021 B		2335	14838	0616	00383	4553
0151	0930	3041 B		2351	14844	0728	00541	4409
*0176	0928	30608		2367	14849	0837	00722	4264
0201	0924	30807		2383	14855	0942	00924	4114

C-REF-NO 002	YR 1967	DEPTH 289	WAVES 1 13X3	AIR T	VIS 8
CONS. NO 002	MONTH 12	MXSAMPD 02	WAVES 2 13X2	WET 8	STN 2
LAT 49-241N	DAY 04	NO.DPTH 9	WND-DIR 130	WW-CODE 02	
LON 124-093W	HR 20.7	W-COLOR	WND-SPD 10	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 992.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
206	0000	0890 B	28641	591	2219	14781
206	0005	0883	28598	578	2217	14779
206	0010	0887	28604	572	2217	14781
206	0020	0889	28641	565	2219	14784
206	0040	0937	29314	470	2264	14814
206	0060	0952	29657	419	2289	14828
206	0080	0951	29948	400	2312	14834
206	0100	0944	30156	374	2329	14837
206	0200	0916	30889	303	2390	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0890 B	28641	591	2219	14781	0000	00000	5648
0010	0887	28604	572	2217	14781	0057	00003	5672
0020	0889	28641	565	2219	14784	0114	00012	5648
0030	0911 B	2897 I	521 B	2242	14799	0169	00026	5432
0050	0948	2950 D	440	2278	14822	0275	00069	5091
0075	0952	29882	404	2306	14833	0399	00148	4825
0100	0944	30156	374	2329	14837	0518	00253	4612
0125	0940	3041 B	348	2350	14843	0631	00384	4419
0151	0934	3062 B	328	2367	14848	0740	00537	4260
*0176	0926	30779	313	2380	14851	0845	00712	4134
0201	0916	30889	303	2390	14853	0948	00909	4041

C-REF-NO 002	YR 1967	DEPTH 327	WAVES 1 13X3	AIR T	VIS 8
CONS. NO 003	MONTH 12	MXSAMPD 03	WAVES 2 13XX	WET B	STN 3
LAT 49-266N	DAY 04	NO.DPTH 10	WND-DIR 130	WW-CODE 02	
LON 124-202W	HR 22.0	W-COLOR	WND-SPD 13	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 990.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
220	0000	0870 B	28096	612	2179	14767
220	0005	0872	28069	591	2177	14768
220	0010	0875	27773	581	2154	14766
220	0020	0901	28615	537	2215	14789
220	0040	0928	29087	488	2248	14808
220	0060	0949	29624	427	2287	14826
220	0080	0949	30059	389	2321	14835
220	0100	0949	30218	381	2333	14840
220	0200	0911	30950	303	2396	14852
220	0300	0902	31110	295	2410	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	28096	612	2179	14767	0000	00000	6028
0010	0875	27773	581	2154	14766	0062	00003	6276
0020	0901	28615	537	2215	14789	0122	00012	5685
0030	0917	2885 I	510	2231	14799	0178	00027	5534
0050	0940	2935 B	457	2267	14818	0285	00070	5193
0075	0950	2996 B	396	2313	14833	0410	00149	4757
0100	0949	30218	381	2333	14840	0527	00254	4574
0125	0941 B	3040 I	356	2348	14843	0641	00384	4429
0151	0932 B	3058 I	334	2364	14846	0750	00537	4284
*0176	0922 B	3076 I	317	2380	14849	0856	00713	4137
*0201	0911	30950	303	2396	14852	0958	00909	3989
0226	0906	31042	295	2404	14855	1057	01125	3918
0251	0903	31099	291	2409	14859	1155	01363	3874
0301	0902	31110	295	2410	14867	1350	01911	3872

C-REF-NO 002	YR 1967	DEPTH 344	WAVES 1 12X3	AIR T	VIS 8
CONS. NO 004	MONTH 12	MXSAMPD 03	WAVES 2 12X3	WET B	STN 4
LAT 49-245N	DAY 04	NO.DPTH 10	WND-DIR 120	WW-CODE 60	
LON 124-221W	HR 23.2	W-COLOR	WND-SPD 10	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 990.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
232	0000	0890 B	29126		2257	14788
232	0005	0892	29120		2256	14789
232	0010	0892	29121		2256	14790
232	0020	0902	29178		2259	14796
232	0040	0927	29415		2274	14812
232	0060	0941	29737		2297	14825
232	0080	0944	30072		2322	14833
232	0100	0944	30255		2337	14839
232	0200	0911	30913		2393	14851
232	0300	0897 B	31137		2413	14865

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0890 B	29126		2257	14788	0000	00000	5287
0010	0892	29121		2256	14790	0053	00003	5293
0020	0902	29178		2259	14796	0106	00011	5267
0030	0915	29281		2265	14804	0159	00024	5210
0050	0935	29570		2285	14819	0261	00066	5023
0075	0944	2999 B		2316	14831	0384	00144	4729
0100	0944	30255		2337	14839	0500	00248	4538
0125	0938 B	3041 I		2350	14843	0612	00377	4411
0151	0930 B	3058 I		2364	14846	0722	00530	4231
*0176	0921 B	3074 I		2379	14849	0828	00706	4149
*0201	0911	30913		2393	14851	0930	00903	4016
0226	0906	31010		2401	14855	1030	01120	3941
0251	0902	31079		2407	14858	1129	01360	3886
0301	0897 B	31137		2413	14865	1323	01907	3845



C-REF-NO 002	YR 1967	DEPTH 315	WAVES 1 12X4	AIR T	VIS 8
CONS. NO 005	MONTH 12	MXSAMPD 03	WAVES 2 12X4	WET B	STN 5
LAT 49-274N	DAY 05	NO.DPTH 10	WND-DIR 120	WW-CODE 60	
LON 124-308W	HR 00.3	W-COLOR	WND-SPD 10	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 989.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
003	0000	0900 B	28769		2228	14787
003	0005	0896	28764		2228	14786
003	0010	0899	28802		2230	14789
003	0020	0901	29053		2250	14794
003	0040	0902	29051		2249	14798
003	0059	0913	29426		2277	14810
003	0079	0916	29696		2297	14818
003	0099	0928	29879		2310	14828
003	0197	0918	30818		2384	14852
003	0271	0900	31125		2411	14861

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	28769		2228	14787	0000	00000	5567
0010	0899	28802		2230	14789	0056	00003	5542
0020	0901	29053		2250	14794	0110	00011	5359
0030	0901	2905 I		2249	14796	0164	00025	5362
0050	0908	2924 I		2264	14804	0270	00068	5227
0075	0915	29651		2294	14816	0398	00149	4941
0100	0928	29890		2311	14828	0520	00258	4786
0125	0932 B	3012 I		2329	14837	0638	00394	4619
*0151	0931 B	3036 I		2347	14843	0752	00554	4443
*0176	0926 B	3060 I		2367	14849	0861	00735	4261
0201	0918	30837		2386	14853	0966	00936	4083
0226	0913	30972		2397	14857	1067	01156	3977
*0251	0906	31071		2406	14860	1166	01397	3901

C-REF-NO 002	YR 1967	DEPTH 192	WAVES 1 12X4	AIR T	VIS 8
CONS. NO 006	MONTH 12	MXSAMPD 02	WAVES 2 12XX	WET B	STN 6
LAT 49-306N	DAY 05	NO.DPTH 9	WND-DIR 130	WW-CODE 60	
LON 124-278W	HR 01.3	W-COLOR	WND-SPD 10	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 987.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
013	0000	0890 B	28339		2195	14778
013	0005	0878	28315		2195	14774
013	0010	0882	28325		2196	14776
013	0020	0900	28693		2222	14789
013	0040	0900	29021		2247	14797
013	0060	0897	29203		2262	14801
013	0080	0913	29669		2296	14816
013	0100	0937	30113		2327	14834
013	0170	0920	30777		2381	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0890 B	28339		2195	14778	0000	00000	5874
0010	0882	28325		2196	14776	0059	00003	5874
0020	0900	28693		2222	14789	0117	00012	5625
0030	0903	2885 I		2234	14794	0172	00026	5509
0050	0897	2911 I		2255	14798	0281	00070	5314
0075	0908	2954 C		2286	14812	0410	00153	5013
0100	0937	30113		2327	14834	0532	00260	4633
0125	0946 B	3049 C		2355	14847	0645	00390	4367
0151	0939	3071 C		2374	14851	0752	00541	4194



C-REF-NO 002	YR 1967	DEPTH 357	WAVES 1 1223	AIR T	VIS 7
CONS. NO 007	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 7
LAT 49-344N	DAY 05	NO.DPTH 10	WND-DIR 110	WW-CODE 02	
LON 124-242W	HR 02.3	W-COLOR	WND-SPD 09	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 986.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
023	0000	0880 B	28026		2173	14770
023	0005	0861	27997		2173	14763
023	0010	0860	28006		2174	14764
023	0020	0864	28059		2177	14767
023	0040	0899	28700		2222	14792
023	0060	0928	29510		2281	14817
023	0080	0936	29862		2307	14827
023	0100	0944	30259		2337	14839
023	0200	0925	30692		2374	14854
023	0300	0910	30847		2388	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	28026		2173	14770	0000	00000	6094
0010	0860	28006		2174	14764	0061	00003	6082
0020	0864	28059		2177	14767	0122	00012	6048
0030	0880	2837 I		2200	14779	0181	00028	5832
0050	0915	2910 I		2251	14805	0293	00073	5345
0075	0935	2977 I		2301	14825	0422	00154	4879
0100	0944	30259		2337	14839	0540	00259	4536
0125	0943 B	3036 I		2346	14844	0653	00389	4458
0151	0940 B	3047 I		2354	14848	0764	00545	4376
*0176	0934 B	3058 I		2364	14851	0873	00726	4291
*0201	0925	30692		2374	14854	0979	00931	4202
0226	0921	3076 B		2380	14857	1084	01159	4144
0251	0918	3081 C		2384	14861	1188	01410	4103
0301	0910	30847		2388	14866	1394	01990	4079

C-REF-NO 002	YR 1967	DEPTH 355	WAVES 1 1123	AIR T	VIS 7
CONS. NO 008	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 8
LAT 49-393N	DAY 05	NO.DPTH 10	WND-DIR 090	WW-CODE 02	
LON 124-330W	HR 03.4	W-COLOR	WND-SPD 06	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 986.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
034	0000	0860 B	28001		2173	14762
034	0005	0854	27937		2169	14760
034	0010	0860	28218		2190	14766
034	0020	0870	28551		2215	14776
034	0040	0897	28827		2232	14793
034	0060	0919	29346		2270	14811
034	0080	0945	30011		2317	14833
034	0100	0950	30171		2329	14840
034	0200	0917	30748		2379	14851
034	0300	0908	30851		2389	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	28001		2173	14762	0000	00000	6086
0010	0860	28218		2190	14766	0060	00003	5923
0020	0870	28551		2215	14776	0118	00012	5689
0030	0883	2868 I		2224	14784	0175	00026	5606
0050	0908	2906 B		2249	14802	0285	00071	5366
0075	0939	2984 I		2305	14828	0413	00152	4833
0100	0950	30171		2329	14840	0532	00258	4611
0125	0948 C	3031 I		2341	14845	0646	00389	4504
0151	0942 D	3045 I		2353	14849	0758	00546	4392
*0176	0932 C	3060 I		2366	14851	0867	00727	4272
*0201	0917	30748		2379	14851	0972	00930	4147
0226	0913	30818		2385	14855	1076	01155	4094
0251	0910	30858		2389	14858	1178	01404	4063
0301	0908	30851		2389	14866	1383	01980	4072

C-REF-NO 002	YR 1967	DEPTH 170	WAVES 1 1334	AIR T	VIS 7
CONS. NO 009	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 9
LAT 49-355N	DAY 05	NO.DPTH 8	WND-DIR 140	WW-CODE 62	
LON 124-383W	HR 04.6	W-COLOR	WND-SPD 13	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 983.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
046	0000	0870 B	28380	613	2202	14771
046	0005	0845	28342		2202	14761
046	0010	0846	28342	606	2202	14762
046	0020	0872	28737	554	2229	14779
046	0040	0902 B	29071	471	2251	14798
046	0060	0930	29734	376	2298	14820
046	0080	0935	30142	345	2329	14831
046	0100	0939	30205	346	2333	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	28380	613	2202	14771	0000	00000	5816
0010	0846	28342	606	2202	14762	0058	00003	5812
0020	0872	28737	554	2229	14779	0115	00012	5553
0030	0889	2890 I	511	2240	14789	0170	00026	5454
0050	0918	2940 I	420	2274	14810	0277	00069	5126
0075	0935	30068	348	2323	14829	0399	00147	4660
0100	0939	30205	346	2333	14836	0515	00250	4569

C-REF-NO 002	YR 1967	DEPTH 95	WAVES 1 1233	AIR T	VIS 7
CONS. NO 010	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 10
LAT 49-407N	DAY 05	NO.DPTH 7	WND-DIR 120	WW-CODE 62	
LON 124-473W	HR 05.7	W-COLOR	WND-SPD 12	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 982.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
057	0000	0870 B	28697		2226	14775
057	0005	0864	28647		2223	14772
057	0010	0864	28650		2223	14773
057	0019	0869	28795		2234	14779
057	0038	0879	28918		2242	14787
057	0057	0879	29098		2256	14792
057	0076	0877	29166		2262	14796

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	28697		2226	14775	0000	00000	5579
0010	0864	28650		2223	14773	0056	00003	5606
0020	0870	28804		2235	14779	0112	00011	5500
0030	0875	2887 D		2240	14784	0167	00025	5455
0050	0880	2903 B		2251	14791	0275	00070	5346
0075	0877	29164		2262	14795	0408	00154	5248



C-REF-NO 002	YR 1967	DEPTH 289	WAVES 1 1234	AIR T	VIS 7
CONS. NO 011	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 11
LAT 49-424N	DAY 05	NO.DPTH 9	WND-DIR 110	WW-CODE 01	
LON 124-434W	HR 06.6	W-COLOR	WND-SPD 15	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 981.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
066	0000	0850 B	28217		2192	14761
066	0005	0844	28197		2191	14759
066	0010	0844	28202		2191	14760
066	0020	0846	28239		2194	14763
066	0040	0879	28544		2213	14783
066	0060	0897	29157		2258	14800
066	0080	0929	30025		2321	14827
066	0100	0938	30220		2335	14836
066	0200	0913	30774		2382	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	28217		2192	14761	0000	00000	5911
0010	0844	28202		2191	14760	0059	00003	5914
0020	0846	28239		2194	14763	0118	00012	5889
0030	0861	28353		2201	14772	0177	00027	5826
0050	0888	28815		2233	14791	0291	00073	5521
0075	0921	2980 I		2305	14820	0421	00155	4833
0100	0938	30220		2335	14836	0539	00260	4555
0125	0948	3063 B		2365	14849	0650	00387	4269
0151	0947	3086 C		2383	14856	0755	00535	4102
*0176	0935	3090 B		2389	14856	0857	00705	4053
0201	0913	30774		2382	14850	0960	00902	4121

C-REF-NO 002	YR 1967	DEPTH 357	WAVES 1 1234	AIR T	VIS 7
CONS. NO 012	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 12
LAT 49-436N	DAY 05	NO.DPTH 10	WND-DIR 110	WW-CODE 01	
LON 124-408W	HR 07.5	W-COLOR	WND-SPD 13	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 981.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
075	0000	0820 B	28212	590	2195	14749
075	0005	0862	28153	585	2185	14765
075	0010	0862	28162	580	2186	14766
075	0020	0864	28203	580	2189	14769
075	0040	0882	28519	562	2211	14783
075	0060	0916	29240	435	2262	14809
075	0080	0945	30080	351	2323	14834
075	0100	0942	30174	345	2331	14837
075	0200	0914	30770	305	2381	14850
075	0300	0906	30843	300	2388	14865

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	28212	590	2195	14749	0000	00000	5875
0010	0862	28162	580	2186	14766	0059	00003	5968
0020	0864	28203	580	2189	14769	0119	00012	5941
0030	0871	2831 B	579	2196	14775	0178	00027	5867
0050	0898	2884 D	503 B	2234	14795	0292	00074	5512
0075	0939	2987 I	366	2307	14828	0422	00155	4814
0100	0942	30174	345	2331	14837	0540	00261	4596
0125	0940 C	3032 I	321 C	2342	14842	0654	00392	4487
0151	0935 C	3047 I	306 C	2355	14846	0765	00548	4373
*0176	0926 C	3062 I	301 C	2368	14849	0874	00728	4252
*0201	0914	30770	305	2381	14850	0979	00930	4126
0226	0910	30834	301	2387	14854	1082	01154	4078
0251	0908	30868	298	2390	14857	1184	01402	4052
0301	0906	30843	300	2388	14865	1389	01978	4076



C-REF-NO 002	YR 1967	DEPTH 219	WAVES 1 11X5	AIR T	VIS 7
CONS. NO 013	MONTH 12	MXSAMPD 02	WAVES 2 11X3	WET B	STN 13
LAT 49-553N	DAY 05	NO.DPTH 9	WND-DIR 110	WW-CODE 17	
LON 124-552W	HR 09.1	W-COLOR	WND-SPD 15	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 979.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
091	0000	0850 B	27754		2156	14755
091	0005	0825	27712		2156	14745
091	0010	0825	27713		2156	14746
091	0020	0825 B	27725		2157	14748
091	0040	0863 B	28461		2209	14775
091	0060	0864	28812		2236	14783
091	0080	0881	29159		2261	14798
091	0100	0917 B	30100		2329	14827
091	0200	0908	30732		2379	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	27754		2156	14755	0000	00000	6257
0010	0825	27713		2156	14746	0063	00003	6254
0020	0825 B	27725		2157	14748	0125	00013	6247
0030	0843 C	2809 I		2183	14761	0187	00028	5996
0050	0865 B	2863 I		2222	14780	0303	00076	5622
0075	0875	2907 I		2255	14794	0440	00163	5315
0100	0917 B	30100		2329	14827	0565	00273	4613
0125	0930 C	3025 I		2339	14838	0680	00405	4519
0151	0933 C	3041 I		2351	14845	0792	00562	4411
*0176	0926 B	3057 I		2364	14848	0901	00744	4285
0201	0908	30732		2379	14848	1007	00947	4146

C-REF-NO 002	YR 1967	DEPTH 311	WAVES 1 11X5	AIR T	VIS 6
CONS. NO 014	MONTH 12	MXSAMPD 03	WAVES 2 11X6	WET B	STN 14
LAT 49-530N	DAY 05	NO.DPTH 10	WND-DIR 110	WW-CODE 63	
LON 124-596W	HR 10.3	W-COLOR	WND-SPD 15	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 979.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
103	0000	0750 B	28671	144	2241	14728
103	0005	0855	28649	144	2225	14769
103	0009	0855	28658	177	2225	14770
103	0018	0853	28657	183	2226	14770
103	0037	0869	28822	167	2236	14782
103	0055	0874	28970	138	2247	14789
103	0074	0880	29289	132	2271	14798
103	0092	0891	29673	135	2299	14810
103	0184	0910	30701	122	2377	14845
103	0276	0904	30828	097	2387	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SV4
0000	0750 B	28671	144	2241	14728	0000	00000	5442
0010	0855	28657	180	2225	14770	0055	00003	5588
0020	0854	2866 B	183	2226	14771	0111	00011	5580
0030	0862	2874 C	176	2231	14777	0167	00026	5533
0050	0873	2892 B	146	2243	14787	0277	00071	5421
0075	0881	29310	132	2273	14799	0409	00155	5145
0100	0894	29801	134	2309	14814	0534	00266	4803
0125	0901	3015 B	131	2335	14825	0652	00401	4555
*0151	0906	3043 B	128	2356	14835	0764	00558	4358
*0176	0909	30643	124	2372	14843	0871	00737	4211
0201	0911	30790	119	2383	14849	0976	00937	4107
0226	0911	30872	113	2390	14855	1078	01160	4049
*0251	0908	30886	105	2391	14858	1180	01407	4040

C-REF-NO 002	YR 1967	DEPTH 143	WAVES 1 12X8	AIR T	VIS 6
CONS. NO 015	MONTH 12	MXSAMPD 01	WAVES 2 12X8	WET B	STN 15
LAT 49-516N	DAY 05	NO.DPTH 8	WND-DIR 120	WW-CODE 63	
LON 125-016W	HR 11.5	W-COLOR	WND-SPD 21	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 978.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
115	0000	0760 B	28787	151	2248	14733
115	0005	0855	28754	144	2233	14770
115	0010	0855	28753	151	2233	14771
115	0020	0853	28752		2233	14772
115	0040	0863	28771	158	2233	14779
115	0060	0872	28985	142	2248	14789
115	0080	0874	29177	166	2263	14795
115	0100	0890	29932	162	2320	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0760 B	28787	151	2248	14733	0000	00000	5367
0010	0855	28753	151	2233	14771	0055	00003	5517
0020	0853	28752	155	2233	14772	0110	00011	5516
0030	0857	2874 B	157	2232	14775	0165	00025	5526
0050	0868	2886 C	149	2240	14784	0275	00070	5454
0075	0873	2912 I	159	2259	14793	0410	00156	5269
0100	0890	29932	162	2320	14814	0535	00267	4699

C-REF-NO 002	YR 1967	DEPTH 146	WAVES 1 1334	AIR T	VIS 7
CONS. NO 016	MONTH 12	MXSAMPD 01	WAVES 2 1235	WET B	STN 16
LAT 49-577N	DAY 05	NO.DPTH 9	WND-DIR 270	WW-CODE 63	
LON 125-088W	HR 14.6	W-COLOR	WND-SPD 12	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 985.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
146	0000	0860 B	28902		2244	14773
146	0005	0862	28953		2247	14776
146	0010	0862	28945		2247	14776
146	0020	0862	28948		2247	14778
146	0040	0873	29059		2254	14787
146	0060	0876	29306		2273	14794
146	0080	0872	29418		2282	14798
146	0100	0872	29443		2284	14801
146	0125	0863				

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	28902		2244	14773	0000	00000	5413
0010	0862	28945		2247	14776	0054	00003	5334
0020	0862	28948		2247	14778	0108	00011	5382
0030	0867	28986		2249	14782	0162	00025	5363
0050	0875	2918 D		2263	14791	0268	00068	5230
0075	0873	29400		2281	14797	0398	00150	5068
0100	0872	29443		2284	14801	0524	00264	5037
0125	0863	29443		2285	14802	0651	00409	5028



C-REF-NO 002	YR 1967	DEPTH 265	WAVES 1 3322	AIR T	VIS 7
CONS. NO 017	MONTH 12	MXSAMPD 02	WAVES 2 1234	WET B	STN 17
LAT 49-588N	DAY 05	NO.DPTH 10	WND-DIR 310	WW-CODE 01	
LON 125-043W	HR 15.8	W-COLOR	WND-SPD 08	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 989.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	0000	0840 B	28302		2200	14758
158	0005	0844	28322		2201	14761
158	0010	0844 B	28347		2203	14762
158	0020	0845	28362		2204	14764
158	0039	0856	28413		2206	14772
158	0059	0853	28451		2209	14774
158	0078	0852	28546		2217	14778
158	0098	0903	29889		2314	14818
158	0196	0889	30632		2374	14839
158	0244	0904	30698		2377	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	28302		2200	14758	0000	00000	5834
0010	0844 B	28347		2203	14762	0058	00003	5805
0020	0845	28362		2204	14764	0117	00012	5796
0030	0851	28388		2205	14768	0175	00027	5787
0050	0855	28431		2208	14774	0290	00074	5763
0075	0850	2853 I		2216	14777	0434	00166	5684
0100	0905	2990 I		2315	14819	0565	00281	4740
0125	0899 I	3009 I		2331	14824	0682	00416	4596
*0151	0896 I	3028 I		2346	14829	0796	00575	4453
*0176	0892 I	3047 I		2362	14834	0906	00758	4311
0201	0890	30650		2376	14840	1012	00963	4179
0226	0897	3071 C		2379	14847	1117	01190	4150



C-REF-NO 002	YR 1967	DEPTH 146	WAVES 1 3322	AIR T	VIS 7
CONS. NO 018	MONTH 12	MXSAMPD 01	WAVES 2 1233	WET B	STN 18
LAT 49-592N	DAY 05	NO.DPTH 8	WND-DIR 340	WW-CODE 01	
LON 124-589W	HR 16.6	W-COLOR	WND-SPD 07	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 991.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
166	0000	0800 B	27782		2165	14736
166	0005	0823	27743		2158	14745
166	0010	0824 B	27746		2158	14746
166	0020	0828	27881		2168	14751
166	0040	0838	27987		2175	14760
166	0060	0840	28050		2180	14764
166	0080	0878	29188		2263	14797
166	0100	0910	30073		2328	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	27782		2165	14736	0000	00000	6171
0010	0824 B	27746		2158	14746	0062	00003	6228
0020	0828	27881		2168	14751	0124	00013	6133
0030	0833	2795 C		2173	14756	0185	00028	6090
0050	0837	2801 I		2178	14761	0307	00078	6046
0075	0867	2890 I		2243	14788	0451	00169	5429
0100	0910	30073		2328	14824	0577	00280	4623

C-REF-NO 002	YR 1967	DEPTH 283	WAVES 1 0522	AIR T	VIS 7
CONS. NO 019	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 19
LAT 50-012N	DAY 05	NO.DPTH 9	WND-DIR 050	WW-CODE 02	
LON 124-529W	HR 17.4	W-COLOR	WND-SPD 05	CLD-TPE 9	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO 995.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
174	0000	0820 B	27713	625	2156	14743
174	0005	0811	27684	619	2155	14740
174	0010	0813	27700	615	2156	14741
174	0020	0811	27755	614	2161	14743
174	0040	0825	27886	621	2169	14753
174	0060	0831	28033	581	2180	14761
174	0080	0872	28956	394	2249	14792
174	0100	0903	29771	336	2305	14817
174	0200	0873	30573	255	2372	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	27713	625	2156	14743	0000	00000	6248
0010	0813	27700	615	2156	14741	0063	00003	6249
0020	0811	27755	614	2161	14743	0125	00013	6206
0030	0817	27818	620	2165	14748	0187	00029	6167
0050	0826	2795 I	613 B	2175	14756	0310	00079	6076
0075	0861	2875 I	442 C	2232	14784	0455	00171	5531
0100	0903	29771	336	2305	14817	0585	00286	4837
0125	0919 B	2997 I	257 C	2318	14830	0705	00424	4716
0151	0919 B	3017 I	217 D	2334	14837	0822	00587	4570
*0176	0904 B	3037 I	217 C	2352	14837	0935	00774	4403
0201	0873	30573	255	2372	14832	1043	00982	4213

C-REF-NO 002	YR 1967	DEPTH 311	WAVES 1 1122	AIR T	VIS 7
CONS. NO 020	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 20
LAT 49-472N	DAY 05	NO.DPTH 10	WND-DIR 110	WW-CODE 61	
LON 124-323W	HR 19.4	W-COLOR	WND-SPD 05	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 999.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
194	0000		26695	665		
194	0005		26669	664		
194	0010		26841	655		
194	0020		27434	612		
194	0040		27779	612		
194	0060		29572	408		
194	0080		30023	389		
194	0100		30173	362		
194	0200		30924	265		
194	0250		31072	261		

C-REF-NO 002	YR 1967	DEPTH 338	WAVES 1 XX	AIR T	VIS 4
CONS. NO 021	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 21
LAT 49-438N	DAY 05	NO.DPTH 10	WNO-DIR 300	WW-CODE 84	
LON 124-220W	HR 20.4	W-COLOR	WNO-SPD 12	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
204	0000	0790 B	26935		2100	14721
204	0005	0815	26949		2097	14732
204	0010	0820	26963		2098	14735
204	0020	0825	27087		2107	14740
204	0040	0853	27791		2158	14763
204	0060	0922	29373		2271	14813
204	0080	0953	29976		2313	14835
204	0100	0949	30179		2330	14840
204	0200	0890	30845		2391	14842
204	0300	0898	31152		2414	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0790 B	26935		2100	14721	0000	00000	6793
0010	0820	26963		2098	14735	0068	00003	6809
0020	0825	27087		2107	14740	0136	00014	6724
0030	0835	2734 D		2126	14749	0202	00031	6544
0050	0887 B	2858 I		2215	14788	0325	00080	5694
0075	0949	2982 I		2302	14831	0457	00163	4861
0100	0949	30179		2330	14840	0576	00269	4603
0125	0940 D	3034 I		2344	14842	0690	00400	4468
0151	0919 I	3051 I		2360	14841	0801	00555	4319
*0176	0910 D	3067 I		2375	14844	0907	00732	4186
*0201	0890	30845		2391	14842	1011	00930	4036
0226	0886	30956		2400	14846	1111	01148	3952
0251	0886	31045		2407	14852	1210	01388	3889
0301	0898	31152		2414	14866	1404	01934	3834



C-REF-NO 002	YR 1967	DEPTH 358	WAVES 1 3222	AIR T	VIS 8
CONS. NO 022	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 22
LAT 49-402N	DAY 05	NO.DPTH 10	WND-DIR 320	WW-CODE 01	
LON 124-163W	HR 21.4	W-COLOR	WND-SPD 06	CLD-TPE 3	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1004.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
214	0000	0800 B	26698		2080	14722
214	0005	0805	26703		2080	14725
214	0010	0822	26925		2095	14735
214	0019	0831	26920		2093	14740
214	0039	0842	27240		2117	14751
214	0058	0935	29209		2257	14815
214	0077	0950	29942		2311	14833
214	0096	0930	30063		2324	14830
214	0192	0898	30812		2387	14844
214	0288	0895	31104		2410	14862

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	26698		2080	14722	0000	00000	6932
0010	0822	26925		2095	14735	0069	00003	6840
0020	0831	2690 D		2092	14740	0138	00014	6864
0030	0832 B	2709 I		2107	14744	0206	00031	6727
0050	0896 C	2838 I		2198	14788	0332	00082	5856
0075	0951	2990 C		2309	14833	0466	00166	4803
0100	0929	3011 D		2328	14831	0584	00271	4617
0125	0920	3028 I		2343	14834	0698	00402	4432
*0151	0912	3048 I		2359	14838	0809	00558	4328
*0176	0904	3067 I		2376	14841	0916	00735	4175
0201	0896	30853		2390	14845	1019	00933	4040
0226	0893	30960		2399	14849	1119	01151	3957
*0251	0892	31039		2406	14854	1218	01391	3902



C-REF-NO 002	YR 1967	DEPTH 432	WAVES 1 32X2	AIR T	VIS 8
CONS. NO 023	MONTH 12	MXSAMPD 04	WAVES 2 XX	WET B	STN 23
LAT 49-351N	DAY 05	NO.DPTH 11	WND-DIR 320	WW-CODE 01	
LDN 124-097W	HR 22.5	W-COLOR	WND-SPD 07	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1006.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
225	0000	0850 B	27150		2108	14747
225	0005	0832	27139		2110	14741
225	0010	0833	27140		2110	14742
225	0020	0840	27277		2120	14748
225	0040	0864	27759		2154	14767
225	0060	0941	29259		2260	14818
225	0079	0951	29951		2312	14834
225	0099	0946	30127		2326	14838
225	0199	0906 B	30891		2392	14849
225	0298	0900	31143		2413	14866
225	0397	0904	31182		2415	14884

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	27150		2108	14747	0000	00000	6708
0010	0833	27140		2110	14742	0067	00003	6694
0020	0840	27277		2120	14748	0134	00014	6602
0030	0848	2751 I		2137	14756	0199	00030	6432
0050	0903 C	2850 I		2207	14793	0321	00080	5771
0075	0952	2985 B		2304	14833	0454	00163	4843
0100	0946	30141		2327	14838	0573	00269	4626
0125	0938 B	3032 I		2343	14841	0688	00400	4480
*0151	0928 C	3051 I		2359	14844	0798	00556	4329
*0176	0918 B	3070 I		2376	14847	0905	00733	4175
0201	0906 B	30895		2392	14849	1008	00930	4021
0226	0902 B	3099 C		2400	14853	1108	01148	3949
*0251	0900	3106 D		2406	14857	1207	01388	3895
0301	0900	31146		2413	14866	1401	01935	3842
*0402	0904	31179		2415	14885	1788	03320	3839

C-REF-NO 002	YR 1967	DEPTH 430	WAVES 1 XX	AIR T	VIS 8
CONS. NO 024	MONTH 12	MXSAMPD 04	WAVES 2 XX	WET B	STN 24
LAT 49-303N	DAY 05	NO.DPTH 11	WND-DIR	WW-CODE 01	
LON 124-060W	HR 23.6	W-COLOR	WND-SPD	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1007.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
236	0000	0870 B	27731	598	2151	14762
236	0005	0861	27752	588	2154	14760
236	0010	0868	27872	575	2162	14765
236	0020	0868	27948	573	2168	14767
236	0040	0893	28372	528	2198	14786
236	0060	0945	29386	421	2269	14822
236	0080	0951	29799	405	2300	14832
236	0100	0936	30177	350	2332	14835
236	0200	0925	30850	306	2386	14856
236	0300	0898	31042	276	2405	14864
236	0400	0905	31196	289	2416	14885

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	27731	598	2151	14762	0000	00000	6301
0010	0868	27872	575	2162	14765	0063	00003	6193
0020	0868	27948	573	2168	14767	0124	00013	6137
0030	0877	2810 C	558	2179	14774	0185	00028	6036
0050	0920 B	2887 I	473 B	2233	14804	0301	00075	5520
0075	0953	2969 I	407 B	2292	14831	0433	00158	4964
0100	0936	30177	350	2332	14835	0553	00265	4584
0125	0933	3034 I	329 B	2345	14840	0666	00395	4459
0151	0930	3051 I	315 C	2359	14845	0777	00550	4334
*0176	0928	3068 I	307 B	2372	14850	0884	00728	4208
0201	0925	30850	306	2386	14856	0988	00928	4085
0226	0917	3089 I	296	2391	14857	1090	01150	4041
0251	0910	3094 I	287	2396	14859	1191	01396	3998
*0301	0898	31042	276	2405	14864	1390	01956	3916
0402	0905	31196	289	2416	14885	1780	03350	3827

C-REF-NO 002	YR 1967	DEPTH 320	WAVES 1 26X2	AIR T	VIS 3
CONS. NO 025	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 25
LAT 49-277N	DAY 06	NO.DPTH 10	WND-DIR 260	WW-CODE	
LON 124-075W	HR 00.6	W-COLOR	WND-SPD 06	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1008.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000	0810 B	26750		2083	14726
006	0005	0811	26568		2068	14725
006	0010	0841	27194		2113	14746
006	0020	0863	27807		2158	14764
006	0040	0896	28467		2205	14788
006	0060	0950	29565		2282	14826
006	0080	0952	29933		2310	14834
006	0100	0941	30190		2332	14837
006	0200	0912	30934		2394	14852
006	0300	0902	31114		2410	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0810 B	26750		2083	14726	0000	00000	6956
0010	0841	27194		2113	14746	0068	00003	6664
0020	0863	27807		2158	14764	0133	00013	6236
0030	0879	2813 I		2181	14776	0194	00029	6012
0050	0925 B	2901 I		2243	14808	0309	00075	5424
0075	0955	2984 I		2303	14833	0438	00157	4858
0100	0941	30190		2332	14837	0556	00262	4583
0125	0933	3037 I		2348	14840	0670	00392	4436
0151	0926	3056 I		2363	14844	0779	00546	4291
*0176	0919	3074 I		2379	14848	0885	00722	4146
*0201	0912	30934		2394	14852	0988	00918	4003
0226	0908	31033		2403	14855	1087	01135	3926
0251	0904	31096		2408	14859	1185	01373	3878
0301	0902	31114		2410	14867	1380	01922	3868



C-REF-NO 002	YR 1967	DEPTH 256	WAVES 1 26X2	AIR T	VIS 8
CONS. NO 026	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 26
LAT 49-143N	DAY 06	NO.DPTH 10	WND-DIR 200	WW-CODE 02	
LON 123-508W	HR 02.5	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1010.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
025	0000	0900 B	29301		2269	14794
025	0005	0902	29294		2268	14795
025	0010	0903	29295		2268	14796
025	0020	0916	29375		2272	14804
025	0040	0939	29527		2281	14818
025	0060	0944	29816		2302	14827
025	0080	0942	29998		2317	14831
025	0100	0949	30256		2336	14841
025	0200	0923 B	30873		2388	14855
025	0225	0917	30950		2395	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	29301		2269	14794	0000	00000	5171
0010	0903	29295		2268	14796	0052	00003	5130
0020	0916	29375		2272	14804	0104	00011	5141
0030	0929	2944 B		2276	14811	0155	00024	5110
0050	0943	2967 C		2291	14823	0256	00065	4965
0075	0942	2995 B		2313	14830	0378	00143	4757
0100	0949	30256		2336	14841	0495	00247	4546
0125	0945 B	3046 B		2353	14846	0607	00376	4387
0151	0939 B	3063 C		2367	14850	0716	00528	4254
*0176	0932 B	3077 B		2379	14853	0821	00704	4148
*0201	0923 B	30873		2388	14855	0924	00901	4065
0226	0917	30950		2395	14858	1026	01122	4001

C-REF-NO 002	YR 1967	DEPTH 347	WAVES 1 20X2	AIR T	VIS 8
CONS. NO 027	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 27
LAT 49-191N	DAY 06	NO.DPTH 11	WND-DIR 200	WW-CODE 01	
LON 123-480W	HR 03.5	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1012.0	CLD-AMT 2	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
035	0000	0870 B	29176	577	2264	14781
035	0005	0882	29129	570	2258	14785
035	0010	0889	29133	572	2258	14789
035	0020	0894	29166	557	2259	14793
035	0040	0934	29572	477	2285	14817
035	0060	0952	29745	425	2296	14829
035	0080	0948	30142	401	2327	14836
035	0100	0949	30303	392	2340	14841
035	0200	0915	30971	298	2397	14853
035	0300	0912	31106	281	2408	14870
035	0325	0911	31133	281	2410	14874

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	29176	577	2264	14781	0000	00000	5222
0010	0889	29133	572	2258	14789	0053	00003	5281
0020	0894	29166	557	2259	14793	0106	00011	5266
0030	0913 B	2936 I	519 B	2272	14804	0158	00024	5142
0050	0946	2965 I	447	2290	14824	0259	00066	4977
0075	0950	3004 I	405	2319	14834	0381	00143	4701
0100	0949	30303	392	2340	14841	0496	00246	4511
0125	0941	3047 I	366	2354	14844	0608	00374	4378
0151	0932 B	3063 I	341 B	2368	14847	0716	00526	4246
*0176	0924	3080 I	319	2382	14850	0821	00701	4112
0201	0915	30971	298	2397	14853	0923	00896	3980
0226	0913	3100 I	289	2400	14857	1023	01113	3955
0251	0912	3103 I	283	2403	14861	1122	01354	3932
*0301	0912	31106	281	2408	14870	1319	01908	3890



C-REF-NO 002	YR 1967	DEPTH 134	WAVES 1 16X1	AIR T	VIS 8
CONS. NO 028	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 28
LAT 49-241N	DAY 06	NO.DPTH 8	WND-DIR 170	WW-CODE 02	
LON 123-453W	HR 04.4	W-COLOR	WND-SPD 04	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1013.0	CLD-AMT 2	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
044	0000	0790 B	26556		2070	14716
044	0005	0816	26598		2070	14728
044	0010	0873	28000		2171	14768
044	0020	0895	28579		2213	14786
044	0040	0908	29214		2261	14802
044	0060	0939	29658		2291	14823
044	0080	0945	30238		2335	14836
044	0100	0945	30526		2358	14843

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0790 B	26556		2070	14716	0000	00000	7076
0010	0873	28000		2171	14768	0066	00003	6104
0020	0895	28579		2213	14786	0125	00012	5703
0030	0903 B	2889 I		2237	14795	0181	00026	5480
0050	0924	2943 I		2276	14813	0288	00069	5111
0075	0945	3009 I		2324	14833	0410	00147	4656
0100	0945	30526		2358	14843	0523	00248	4339

C-REF-NO 002	YR 1967	DEPTH 161	WAVES 1 18X1	AIR T	VIS 3
CONS. NO 029	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 29
LAT 49-235N	DAY 06	NO.DPTH 8	WND-DIR 170	WW-CODE 02	
LON 123-253W	HR 05.9	W-COLOR	WND-SPD 04	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1014.0	CLD-AMT 2	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
059	0000	0750 B	25225	663	1971	14683
059	0005	0745	25249	670	1974	14682
059	0010	0814	26201	610	2039	14723
059	0020	0936	28362	480	2190	14799
059	0040	0957	29700	418	2291	14827
059	0060	0948	30026	425	2318	14831
059	0080	0939	30284	369	2340	14834
059	0100	0937	30473	358	2355	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0750 B	25225	663	1971	14683	0000	00000	8027
0010	0814	26201	610	2039	14723	0077	00004	7372
0020	0936	28362	480	2190	14799	0144	00014	5924
0030	0946 I	2903 I	428 C	2241	14813	0201	00028	5442
0050	0954	2986 I	421 B	2304	14829	0304	00070	4837
0075	0941	30226	384	2335	14833	0422	00144	4552
0100	0937	30473	358	2355	14839	0534	00244	4367

C-REF-NO 002	YR 1967	DEPTH 230	WAVES 1 XX	AIR T	VIS 7
CONS. NO 030	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 31
LAT 49-314N	DAY 06	NO.DPTH 9	WND-DIR	WW-CODE 03	
LON 123-272W	HR 07.1	W-COLOR	WND-SPD	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1015.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
071	0000	0690 B	24229	673	1900	14646
071	0005	0748	24451	665	1911	14673
071	0010	0783	25433	629	1983	14701
071	0020	0877	26835	555	2080	14757
071	0040	0965	29595	405	2282	14828
071	0060	0939	29946	361	2313	14826
071	0080	0927	30212	343	2336	14829
071	0100	0937	30441	345	2352	14838
071	0200	0904	30915	250	2394	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	24229	673	1900	14646	0000	00000	8710
0010	0783	25433	629	1983	14701	0083	00004	7909
0020	0877	26835	555	2080	14757	0158	00015	6981
0030	0936	2821 I	474 B	2179	14799	0223	00032	6034
0050	0958 C	2977 I	375	2297	14830	0333	00075	4912
0075	0928	30151	345	2331	14827	0452	00151	4589
0100	0937	30441	345	2352	14838	0565	00251	4390
0125	0930	30665	325	2371	14843	0673	00375	4216
0151	0922 B	3081 B	302 B	2384	14846	0777	00522	4095
*0176	0913	30902	277	2392	14848	0879	00692	4023
0201	0904	30915	250	2394	14848	0980	00885	4005

C-REF-NO 002	YR 1967	DEPTH 229	WAVES 1 XX	AIR T	VIS
CONS. NO 031	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 32
LAT 49-387N	DAY 06	NO.DPTH 9	WND-DIR 140	WW-CODE 86	
LON 123-144W	HR 08.5	W-COLOR	WND-SPD 04	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1016.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
085	0000	0670 B	17181	736	1350	14548
085	0005	0696	23127		1813	14635
085	0010	0718	23590	665	1847	14651
085	0020	0836 B	26571	217	2065	14738
085	0040	0949	29540	167	2280	14822
085	0060	0922	29754	145	2301	14818
085	0080	0877	30090	129	2334	14808
085	0100	0873	30240	093	2346	14812
085	0200	0871	30329	107	2353	14828

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	17181	736	1350	14548	0000	00000	14037
0010	0718	23590	665	1847	14651	0116	00005	9222
0020	0836 B	26571	217	2065	14738	0198	00017	7124
0030	0911 B	2805 I	192 I	2170	14787	0264	00033	6118
0050	0945 C	2964 I	154	2289	14823	0375	00078	4985
0075	0887	3000 C	134	2326	14810	0496	00154	4635
0100	0873	30240	093	2346	14812	0610	00256	4446
0125	0857	3040 C	079	2361	14812	0720	00382	4307
0150	0852	3046 D	076	2367	14815	0828	00533	4251
*0176	0856	3044 C	086	2365	14820	0935	00711	4279
0201	0871	30329	107	2353	14828	1044	00920	4391



C-REF-NO 002	YR 1967	DEPTH 165	WAVES 1 XX	AIR T	VIS
CONS. NO 032	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET 8	STN 33
LAT 49-325N	DAY 06	NO.DPTH 8	WND-DIR 030	WW-CODE 26	
LON 123-163W	HR 09.5	W-COLOR	WND-SPD 03	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1016.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
095	0000	0690 B	24185		1897	14646
095	0005	0717	24383		1909	14660
095	0010	0749	25088		1960	14683
095	0020	0831 B	26801		2084	14739
095	0040	0955	29561		2281	14824
095	0060	0936	30053		2322	14827
095	0080	0931	30347		2346	14832
095	0100	0928	30428		2353	14835

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0690 B	24185		1897	14646	0000	00000	3743
0010	0749	25088		1960	14683	0084	00004	8129
0020	0831 B	26801		2084	14739	0160	00015	6945
0030	0905 B	2818 I		2181	14786	0225	00032	6016
0050	0954 C	2980 I		2300	14828	0334	00075	4879
0075	0931	30293		2341	14830	0452	00150	4488
0100	0928	30428		2353	14835	0563	00249	4386



C-REF-NO 002	YR 1967	DEPTH 238	WAVES 1 1522	AIR T	VIS
CONS. NO 033	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 35
LAT 49-239N	DAY 06	NO.DPTH 9	WND-DIR 150	WW-CODE 85	
LON 123-175W	HR 10.7	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1015.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
107	0000	0770 B	25971	220	2027	14701
107	0005	0782	25947	232	2024	14706
107	0010	0791	26038	236	2029	14712
107	0020	0885	27906	236	2162	14773
107	0040	0958	29672	165	2289	14827
107	0060	0924	30187	195	2334	14824
107	0080	0917	30332	143	2347	14826
107	0100	0897	30338	189	2350	14822
107	0200	0923	30987	160	2397	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0770 B	25971	220	2027	14701	0000	00000	7491
0010	0791	26038	236	2029	14712	0075	00004	7467
0020	0885	27906	236	2162	14773	0143	00014	6191
0030	0938	2878 I	200 C	2223	14806	0202	00029	5610
0050	0946 C	2992 I	179 C	2311	14827	0307	00071	4775
0075	0918	3032 C	155 B	2346	14826	0422	00144	4449
0100	0897	30338	189	2350	14822	0534	00244	4408
0125	0890	3050 I	187	2364	14826	0643	00369	4280
0151	0892	3066 I	181	2376	14832	0749	00518	4167
*0176	0903	3082 I	172	2387	14843	0852	00690	4066
0201	0923	30987	160	2397	14857	0953	00884	3979

C-REF-NO 002	YR 1967	DEPTH 146	WAVES 1 1132	AIR T	VIS 7
CONS. NO 034	MONTH 12	MXSAMPD 01	WAVES 2 1122	WET B	STN 36
LAT 49-190N	DAY 06	NO.DPTH 8	WND-DIR 110	WW-CODE 85	
LON 123-200W	HR 11.6	W-COLOR	WND-SPD 10	CLO-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1015.0	CLO-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
116	0000	0740 B	25295	654	1978	14680
116	0005	0791	25995	637	2026	14710
116	0010	0812	26799	614	2086	14729
116	0020	0865	28143	550	2184	14769
116	0040	0908	29592	464	2290	14807
116	0060	0890	30095	472	2332	14810
116	0080	0883	30256	465	2346	14813
116	0100	0882	30331		2352	14816

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	25295	654	1978	14680	0000	00000	7963
0010	0812	26799	614	2086	14729	0074	00004	6922
0020	0865	28143	550	2184	14769	0139	00013	5988
0030	0896	2886 I	498	2236	14791	0197	00028	5490
0050	0902 B	2984 I	463 B	2311	14810	0300	00069	4776
0075	0884	3023 C	466	2344	14812	0416	00143	4461
0100	0882	30331	465	2352	14816	0527	00242	4391

C-REF-NO 002	YR 1967	DEPTH 219	WAVES 1 0933	AIR T	VIS 7
CONS. NO 035	MONTH 12	MXSAMPD 02	WAVES 2 0922	WET B	STN 37
LAT 49-136N	DAY 06	NO.DPTH 9	WND-DIR 090	WW-CODE 84	
LON 123-207W	HR 12.5	W-COLOR	WND-SPD 08	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1014.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
125	0000	0730 B	23551		1843	14654
125	0005	0791	25769		2008	14707
125	0010	0863	27651		2146	14760
125	0020	0867	28240		2191	14771
125	0040	0920	29575		2287	14811
125	0060	0916	30088		2328	14820
125	0080	0942	30391		2348	14836
125	0100	0885	30456		2361	14819
125	0200	0930	30880		2387	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	23551		1843	14654	0000	00000	9265
0010	0863	27651		2146	14760	0078	00003	6350
0020	0867	28240		2191	14771	0140	00013	5918
0030	0893 C	2890 I		2239	14791	0197	00027	5457
0050	0920 B	2983 I		2307	14816	0300	00068	4810
0075	0938 B	30336		2344	14833	0416	00142	4465
0100	0885	30456		2361	14819	0526	00241	4303
0125	0882	3056 I		2370	14823	0633	00364	4224
0151	0888	3066 I		2377	14831	0739	00512	4158
*0176	0904	3077 I		2383	14843	0842	00684	4106
0201	0930	30880		2387	14858	0945	00881	4069

C-REF-NO 002	YR 1967	DEPTH 296	WAVES 1 09X4	AIR T	VIS 7
CONS. NO 036	MONTH 12	MXSAMPD 03	WAVES 2 09X3	WET B	STN 38
LAT 49-120N	DAY 06	NO.DPTH 10	WND-DIR 090	WW-CODE 84	
LON 123-264W	HR 13.5	W-COLOR	WND-SPD 13	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1012.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
135	0000	0870 B	27712		2149	14762
135	0005	0842	27787		2159	14753
135	0010	0844	27814		2161	14755
135	0019	0866	28542		2215	14774
135	0038	0926	29561		2285	14813
135	0057	0924	29571		2286	14816
135	0076	0935	29740		2298	14825
135	0095	0934	30289		2341	14835
135	0190	0928	30919		2391	14856
135	0261	0918	31072		2404	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	27712		2149	14762	0000	00000	6315
0010	0844	27814		2161	14755	0063	00003	6204
0020	0870	28617		2220	14777	0122	00012	5639
0030	0903 B	2923 D		2263	14799	0177	00026	5228
0050	0928 B	2956 I		2286	14816	0279	00068	5018
0075	0934	29724		2297	14824	0404	00147	4915
0100	0934	3034 C		2345	14836	0522	00252	4455
0125	0935	3048 I		2356	14842	0632	00379	4355
*0151	0934	3065 I		2369	14848	0740	00531	4235
*0176	0931	3081 I		2383	14853	0845	00705	4112
0201	0927	3096 B		2394	14858	0947	00900	4003
0226	0924	3103 C		2401	14862	1047	01118	3946
*0251	0920	3107 B		2404	14865	1146	01358	3919



C-REF-NO 002	YR 1967	DEPTH 388	WAVES 1 1134	AIR T	VIS 7
CONS. NO 037	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 39
LAT 49-098N	DAY 06	NO.DPTH 11	WND-DIR 090	WW-CODE 61	
LON 123-330W	HR 14.7	W-COLOR	WND-SPD 12	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1010.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
147	0000	0820 B	26240	608	2042	14724
147	0005	0819	26179	596	2037	14723
147	0009	0871	28029	555	2174	14768
147	0019	0913	29486	500	2281	14804
147	0037	0935	29703	469	2295	14818
147	0056	0938	29757	450	2299	14823
147	0074	0942	29871	427	2307	14829
147	0093	0952	30190	378	2330	14840
147	0185	0940	30726	325	2374	14857
147	0278	0918	31048	290	2402	14868
147	0325	0911	31160	281	2412	14875

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	26240	608	2042	14724	0000	00000	7351
0010	0879	2817 I	547	2184	14773	0067	00003	5981
0020	0915	2949 I	497	2282	14805	0122	00011	5048
0030	0932	2961 I	475	2289	14815	0172	00024	4983
0050	0938	2974 C	456	2298	14822	0272	00065	4900
0075	0943	29886	425	2308	14829	0393	00142	4806
0100	0953	3023 I	368 B	2333	14842	0511	00247	4570
0125	0954 B	3037 I	341 D	2344	14848	0625	00378	4468
*0151	0951 B	3052 I	326 D	2356	14853	0735	00534	4359
*0176	0944	3066 I	323 B	2369	14856	0843	00713	4244
0201	0936	30790	318	2379	14859	0949	00915	4145
0226	0930	30886	307	2388	14862	1052	01140	4070
*0251	0925	30970	298	2395	14865	1154	01386	4002
0301	0915	31105	285	2407	14871	1352	01945	3894



C-REF-NO 002	YR 1967	DEPTH 146	WAVES 1 1034	AIR T	VIS 7
CONS. NO 038	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 40
LAT 49-086N	DAY 06	NO.DPTH 8	WND-DIR 090	WW-CODE 63	
LON 123-368W	HR 15.8	W-COLOR	WND-SPD 13	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1010.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	0000	0880 B	29544		2291	14789
158	0005	0905	29542		2287	14800
158	0010	0908	29550		2287	14802
158	0020	0907	29578		2290	14803
158	0040	0925	29684		2295	14815
158	0060	0937	29783		2301	14824
158	0080	0939	29869		2307	14829
158	0100	0944	29931		2311	14835

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	29544		2291	14789	0000	00000	4962
0010	0908	29550		2287	14802	0050	00003	4998
0020	0907	29578		2290	14803	0100	00010	4977
0030	0915	29627		2292	14808	0150	00023	4952
0050	0932	29735		2298	14819	0249	00063	4900
0075	0939	29849		2306	14828	0371	00141	4829
0100	0944	29931		2311	14835	0491	00249	4779

C-REF-NO 002	YR 1967	DEPTH 247	WAVES 1 1034	AIR T	VIS 8
CONS. NO 039	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 41
LAT 49-033N	DAY 06	NO.DPTH 9	WND-DIR 090	WW-CODE 01	
LON 123-223W	HR 17.2	W-COLOR	WND-SPD 12	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1008.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
172	0000	0850 B	28764		2234	14768
172	0005	0866	28742		2230	14774
172	0010	0869	28786		2233	14777
172	0020	0885	29194		2263	14790
172	0040	0917	29703		2298	14812
172	0060	0940	30103		2325	14829
172	0080	0947	30304		2340	14837
172	0100	0892	30315		2349	14820
172	0200	0871	30555		2371	14831

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0850 B	28764		2234	14768	0000	00000	5503
0010	0869	28786		2233	14777	0055	00003	5512
0020	0885	29194		2263	14790	0109	00011	5231
0030	0902	2948 D		2283	14801	0161	00024	5043
0050	0930	29922		2313	14821	0259	00064	4758
0075	0949	30272		2337	14837	0376	00138	4530
0100	0892	30315		2349	14820	0488	00239	4418
0125	0879 B	3037 I		2356	14820	0598	00365	4358
0151	0871 C	3043 I		2362	14822	0707	00518	4305
*0176	0868 B	3049 I		2367	14826	0815	00697	4260
0201	0871	30555		2371	14831	0921	00902	4223

C-REF-NO 002	YR 1967	DEPTH 326	WAVES 1 1234	AIR T	VIS 8
CONS. NO 040	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 42
LAT 49-018N	DAY 06	NO.DPTH 10	WND-DIR 120	WW-CODE 02	
LON 123-262W	HR 18.0	W-COLOR	WND-SPD 18	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1007.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
180	0000	0860 B	29427	562	2285	14780
180	0005	0887	29405	557	2279	14791
180	0010	0885	29406	574	2279	14791
180	0020	0883	29409	550	2280	14792
180	0040	0894	29432	540	2280	14800
180	0060	0917	29637	486	2293	14814
180	0080	0937	30040	420	2321	14830
180	0100	0943	30256	443	2337	14838
180	0200	0942	30844	331	2383	14862
180	0250	0930	30849	324	2385	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	29427	562	2285	14780	0000	00000	5021
0010	0885	29406	574	2279	14791	0051	00003	5073
0020	0883	29409	550	2280	14792	0102	00010	5069
0030	0886	2940 B	545 B	2279	14795	0152	00023	5076
0050	0905	29511	516	2285	14806	0254	00065	5027
0075	0933	2993 D	433	2314	14826	0377	00143	4753
0100	0943	30256	443	2337	14838	0493	00247	4537
0125	0949	3040 I	409 B	2347	14846	0606	00377	4439
0151	0950 B	3055 I	379 B	2359	14853	0716	00531	4337
*0176	0948	3069 I	353 B	2370	14858	0824	00710	4228
*0201	0942	30844	331	2383	14862	0928	00911	4115
0226	0937	30871	324	2386	14864	1032	01135	4091
0251	0930	30849	324	2385	14866	1134	01386	4099

C-REF-NO 002	YR 1967	DEPTH 187	WAVES 1 1234	AIR T	VIS 8
CONS. NO 041	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 43
LAT 49-002N	DAY 06	NO.DPTH 8	WND-DIR 120	WW-CODE 02	
LON 123-301W	HR 18.9	W-COLOR	WND-SPD 15	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1005.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
189	0000	0880 B	29414		2281	14788
189	0005	0888	29375		2277	14791
189	0010	0891	29373		2276	14793
189	0020	0886 B	29383		2277	14793
189	0040	0916	29542		2285	14809
189	0060	0941	29867		2307	14826
189	0080	0953	30267		2336	14839
189	0100	0955	30382		2345	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	29414		2281	14788	0000	00000	5058
0010	0891	29373		2276	14793	0051	00003	5106
0020	0886 B	29383		2277	14793	0102	00010	5093
0030	0898 B	29441		2280	14800	0153	00023	5067
0050	0930	29689		2295	14818	0253	00064	4930
0075	0951	3017 D		2329	14836	0373	00140	4604
0100	0955	30382		2345	14844	0487	00242	4462



C-REF-NO 002	YR 1967	DEPTH 119	WAVES 1 10X4	AIR T	VIS 8
CONS. NO 042	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 44
LAT 48-568N	DAY 06	NO.DPTH 8	WND-DIR 100	WW-CODE 02	
LON 123-060W	HR 20.6	W-COLOR	WND-SPD 10	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1004.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
206	0000	0830 B	30267	571	2355	14779
206	0005	0843	30266	556	2353	14785
206	0010	0842	30269	554	2353	14786
206	0020	0843	30277	550	2353	14788
206	0040	0853	30309	531	2354	14795
206	0059	0857	30344	516	2357	14800
206	0079	0860	30389	500	2360	14805
206	0099	0866	30533	469	2370	14813

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	30267	571	2355	14779	0000	00000	4354
0010	0842	30269	554	2353	14786	0044	00002	4369
0020	0843	30277	550	2353	14788	0088	00009	4366
0030	0848	30291	541	2354	14791	0131	00020	4364
0050	0856	30327	523	2356	14798	0219	00056	4350
0075	0859	30376	504	2359	14804	0328	00126	4323
*0100	0864 B	3043 I	475 C	2363	14811	0436	00222	4288



C-REF-NO 002 YR 1967 DEPTH 128 WAVES 1 11X4 AIR T VIS 8  
 CONS. NO 043 MONTH 12 MXSAMPD 01 WAVES 2 11X4 WET B STN 45  
 LAT 48-539N DAY 06 NO.DPTH 8 WND-DIR 110 WW-CODE 02  
 LON 123-084W HR 21.3 W-COLOR WND-SPD 13 CLD-TPE 6  
 MARSD SQ 157 C/I 1815 W-TRNSP BARO 1002.0 CLD-AMT 8 HW

## OBSERVED

GMT	DEPTH	TEMP	SAL	OXYGEN	SGMT	SOUND
213	0000	0820 B	29917	595	2329	14771
213	0005	0842	29830	602	2319	14779
213	0010	0843	29841	604	2319	14781
213	0020	0849	30057	564	2335	14787
213	0040	0863	30179	535	2343	14797
213	0060	0869	30273	522	2349	14804
213	0080	0863	30287	523	2351	14805
213	0100	0865	30384	498	2359	14811

## INTERPOLATED

PRESS	TEMP	SAL	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	29917	595	2329	14771	0000	00000	4601
0010	0843	29841	604	2319	14781	0047	00002	4689
0020	0849	30057	564	2335	14787	0093	00009	4539
0030	0856	30111	544	2339	14792	0138	00021	4504
0050	0867	30233	527	2346	14801	0228	00058	4437
0075	0865	3028 B	523	2351	14805	0339	00129	4399
0100	0865	30384	498	2359	14811	0449	00227	4327

C-REF-NO 002	YR 1967	DEPTH 179	WAVES 1 12X4	AIR T	VIS 8
CONS. NO 044	MONTH 12	MXSAMPD 01	WAVES 2 12X4	WET B	STN 46
LAT 48-514N	DAY 06	NO.DPTH 9	WND-DIR 120	WW-CODE 02	
LON 123-108W	HR 21.9	W-COLOR	WND-SPD 13	CLD-TPE 5	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1001.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
219	0000	0880 B	29991	518	2326	14795
219	0005	0919	29964	483	2318	14810
219	0010	0921	29961	486	2317	14812
219	0020	0918	29961	486	2318	14812
219	0039	0863	30102	526	2337	14796
219	0059	0869	30306	500	2352	14804
219	0078	0865	30409	495	2361	14807
219	0098	0867	30455	480	2364	14812
219	0146	0866	30512	480	2368	14820

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	29991	518	2326	14795	0000	00000	4629
0010	0921	29961	486	2317	14812	0047	00002	4710
0020	0918	29961	486	2318	14812	0094	00010	4708
0030	0889 C	3002 B	508 B	2327	14804	0141	00022	4623
0050	0863 B	3021 B	515	2346	14799	0232	00059	4443
0075	0866	30398	495	2360	14807	0342	00129	4315
0100	0867	30459	479	2364	14812	0450	00225	4273
0126	0867	30500	475	2367	14817	0557	00349	4247

C-REF-NO 002	YR 1967	DEPTH 188	WAVES 1 12X6	AIR T	VIS 8
CONS. NO 045	MONTH 12	MXSAMPD 01	WAVES 2 12X4	WET B	STN 47
LAT 48-493N	DAY 06	NO.DPTH 9	WND-DIR 120	WW-CODE 02	
LON 123-062W	HR 22.7	W-COLOR	WND-SPD 13	CLO-TPE 5	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLO-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
227	0000	0830 B	30096		2341	14777
227	0005	0911	30067		2327	14808
227	0010	0913	30066		2327	14810
227	0020	0912	30066		2327	14811
227	0040	0885	30072		2331	14804
227	0060	0869	30378		2358	14805
227	0080	0868	30376		2358	14808
227	0100	0869	30394		2359	14812
227	0150	0870	30525		2369	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	30096		2341	14777	0000	00000	4482
0010	0913	30066		2327	14810	0046	00002	4621
0020	0912	30066		2327	14811	0092	00009	4620
0030	0900	3005 D		2327	14808	0138	00021	4617
0050	0875	3022 I		2345	14804	0230	00058	4454
0075	0867	3039 D		2359	14807	0340	00129	4324
0100	0869	30394		2359	14812	0448	00226	4325
0126	0870	30444		2363	14817	0557	00351	4292
0151	0870	30525		2369	14822	0664	00501	4236

C-REF-NO 002	YR 1967	DEPTH 137	WAVES 1 11X4	AIR T	VIS 8
CONS. NO 046	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 55
LAT 48-456N	DAY 06	NO.DPTH 8	WND-DIR 110	WW-CODE 02	
LON 122-587W	HR 23.8	W-COLOR	WND-SPD 11	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 999.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
238	0000	0900 B	30192		2338	14805
238	0005	0885	30147		2337	14800
238	0010	0883	30144		2337	14800
238	0020	0883	30161		2339	14802
238	0039	0882	30382		2356	14807
238	0059	0877	30443		2361	14809
238	0078	0872	30436		2362	14810
238	0098	0871	30487		2366	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	30192		2338	14805	0000	00000	4507
0010	0883	30144		2337	14800	0045	00002	4520
0020	0883	30161		2339	14802	0091	00009	4508
0030	0883	3027 I		2348	14805	0135	00021	4423
0050	0880	3043 B		2360	14809	0223	00056	4307
0075	0873	30437		2362	14810	0331	00126	4295



C-REF-NO 002	YR 1967	DEPTH 214	WAVES 1 13X4	AIR T	VIS 8
CONS. NO 047	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 56
LAT 48-464N	DAY 07	NO.DPTH 9	WND-DIR 130	WW-CODE 02	
LON 123-016W	HR 00.6	W-COLOR	WND-SPD 10	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 999.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000	0900 B	30549	495	2366	14810
006	0005	0888	30449	470	2360	14805
006	0010	0889	30448	479	2360	14806
006	0020	0874	30632	469	2377	14804
006	0040	0860	30719	470	2385	14803
006	0060	0856	30750	487	2388	14805
006	0080	0846	30760	489	2391	14805
006	0100	0843	30813		2395	14808
006	0174	0837	31106	480	2419	14821

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	30549	495	2366	14810	0000	00000	4242
0010	0889	30448	479	2360	14806	0043	00002	4302
0020	0874	30632	469	2377	14804	0085	00009	4145
0030	0865	3067 I	467	2381	14803	0127	00019	4101
0050	0858	30739	478	2387	14804	0209	00053	4046
0075	0848	30756	489	2390	14805	0310	00118	4024
0100	0843	30813	492	2395	14808	0410	00208	3977
0126	0839	3089 B	491 B	2402	14811	0510	00322	3918
0151	0837	30990	487	2410	14816	0607	00459	3844
*0176	0837	31111	480	2419	14821	0703	00618	3758



C-REF-NO 002	YR 1967	DEPTH 188	WAVES 1 1334	AIR T	VIS 8
CONS. NO 048	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 48
LAT 48-517N	DAY 07	NO.DPTH 9	WND-DIR 140	WW-CODE 02	
LON 123-032W	HR 02.0	W-COLOR	WND-SPD 18	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 998.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
020	0000	0860 B	30442		2364	14793
020	0005	0865	30379		2358	14795
020	0010	0864	30394		2360	14796
020	0020	0864	30407		2361	14797
020	0040	0863	30406		2361	14800
020	0060	0869	30412		2360	14806
020	0080	0861	30434		2363	14806
020	0100	0862	30446		2364	14810
020	0160	0866	30512		2368	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	30442		2364	14793	0000	00000	4265
0010	0864	30394		2360	14796	0043	00002	4307
0020	0864	30407		2361	14797	0086	00009	4298
0030	0863	30408		2361	14799	0129	00020	4298
0050	0866	30408		2360	14803	0216	00055	4306
0075	0863	30428		2362	14806	0324	00124	4289
0100	0862	30446		2364	14810	0431	00221	4277
0126	0863	30470		2366	14815	0539	00344	4264
0151	0865	30499		2368	14820	0645	00495	4249

C-REF-NO 002	YR 1967	DEPTH 132	WAVES 1 1434	AIR T	VIS 8
CONS. NO 049	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 49
LAT 48-550N	DAY 07	NO.DPTH 8	WND-DIR 140	WW-CODE 02	
LON 122-596W	HR 02.9	W-COLOR	WND-SPD 15	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 998.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
-----	-------	---------	-------	--------	------	-------

029	0000	0850 B	30368	552	2360	14788
029	0005	0850	30311	541	2355	14788
029	0010	0851	30317	546	2355	14790
029	0020	0849 B	30318	540	2356	14791
029	0040	0852	30322	535	2356	14795
029	0060	0864	30363	519	2357	14803
029	0080	0860	30417	505	2362	14806
029	0100	0860	30421	501	2362	14809

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	30368	552	2360	14788	0000	00000	4306
0010	0851	30317	546	2355	14790	0043	00002	4346
0020	0849 B	30318	540	2356	14791	0087	00009	4344
0030	0849	30317	538	2356	14792	0131	00020	4346
0050	0858	30339	528	2356	14799	0218	00056	4345
0075	0862	30405	508	2361	14805	0327	00125	4304
0100	0860	30421	501	2362	14809	0434	00222	4293

C-REF-NO 002	YR 1967	DEPTH 26	WAVES 1 1533	AIR T	VIS 8
CONS. NO 050	MONTH 12	MXSAMPD 00	WAVES 2 XX	WET B	STN 50
LAT 48-577N	DAY 07	NO.DPTH 4	WND-DIR 150	WW-CODE 02	
LON 122-561W	HR 03.7	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 998.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
037	0000	0830 B	30305		2357	14780
037	0005	0829	30271		2355	14780
037	0010	0830	30264		2354	14781
037	0019	0827 B	30266		2355	14781

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	30305		2357	14780	0000	00000	4325
0010	0830	30264		2354	14781	0044	00002	4356

C-REF-NO 002	YR 1967	DEPTH 155	WAVES 1 1433	AIR T	VIS 8
CONS. NO 051	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 51
LAT 48-467N	DAY 07	NO.DPTH 8	WND-DIR 140	WW-CODE 63	
LON 122-516W	HR 04.8	W-COLOR	WND-SPD 13	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 998.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
048	0000	0860 B	30333	539	2355	14792
048	0005	0869	30276	519	2350	14795
048	0010	0871	30275	516	2349	14797
048	0020	0869	30362	501	2356	14799
048	0040	0878	30437	486	2361	14806
048	0060	0878	30447	470	2362	14810
048	0080	0873	30498	465	2366	14812
048	0100	0869	30555	471	2371	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	30333	539	2355	14792	0000	00000	4346
0010	0871	30275	516	2349	14797	0044	00002	4405
0020	0869	30362	501	2356	14799	0088	00009	4339
0030	0873	30412	492	2360	14803	0131	00020	4309
0050	0879	3044 B	477	2361	14808	0218	00055	4297
0075	0874	30483	465	2365	14811	0325	00124	4263
0100	0869	30555	471	2371	14814	0431	00219	4206



C-REF-NO 002	YR 1967	DEPTH 91	WAVES 1 14X2	AIR T	VIS 7
CONS. NO 052	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 52
LAT 48-389N	DAY 07	NO.DPTH 7	WND-DIR 140	WW-CODE 63	
LON 122-433W	HR 05.8	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
058	0000	0850 B	30425	545	2364	14789
058	0005	0849	30400	530	2362	14789
058	0010	0851	30406	533	2362	14791
058	0020	0854 E	30410	522	2362	14794
058	0040	0857	30415	518	2362	14798
058	0060	0860	30445	505	2364	14803
058	0080	0855	30459	510	2366	14804

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	30425	545	2364	14789	0000	00000	4263
0010	0851	30406	533	2362	14791	0043	00002	4279
0020	0854 E	30410	522	2362	14794	0086	00009	4283
0030	0856 C	30411	519	2362	14796	0129	00020	4285
0050	0859	30429	511	2363	14801	0215	00055	4278
0075	0857	30456	507	2365	14804	0322	00124	4259



C-REF-NO 002	YR 1967	DEPTH 73	WAVES 1 15X2	AIR T	VIS 7
CONS. NO 053	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 53
LAT 48-332N	DAY 07	NO.DPTH 6	WND-DIR 150	WW-CODE 63	
LON 122-450W	HR 06.5	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
065	0000	0850 B	30378		2360	14788
065	0005	0843	30363		2360	14786
065	0010	0846	30363		2360	14788
065	0020	0844	30360		2360	14789
065	0040	0854	30377		2360	14796
065	0060	0856	30387		2360	14801

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	30378		2360	14788	0000	00000	4299
0010	0846	30363		2360	14788	0043	00002	4305
0020	0844	30360		2360	14789	0086	00009	4305
0030	0848	30367		2360	14793	0130	00020	4308
0050	0856	30382		2360	14799	0216	00055	4309

C-REF-NO 002	YR 1967	DEPTH 77	WAVES 1 14X3	AIR T	VIS 7
CONS. NO 054	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 54
LAT 48-266N	DAY 07	NO.DPTH 6	WND-DIR 140	WW-CODE 63	
LON 122-443W	HR 07.2	W-COLOR	WND-SPD 11	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
072	0000	0800 B	30245	575	2357	14767
072	0005	0824	30224	560	2352	14777
072	0010	0828	30225	550	2352	14780
072	0020	0826	30228	555	2352	14781
072	0040	0837	30279	545	2354	14789
072	0060	0837	30293	543	2356	14792

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	30245	575	2357	14767	0000	00000	4330
0010	0828	30225	550	2352	14780	0044	00002	4382
0020	0826	30228	555	2352	14781	0088	00009	4378
0030	0831	3025 B	551	2353	14784	0132	00020	4369
0050	0838	30289	543	2355	14791	0219	00056	4354

C-REF-NO 002	YR 1967	DEPTH 141	WAVES 1 14X2	AIR T	VIS 7
CONS. NO 055	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 57
LAT 48-440N	DAY 07	NO.DPTH 8	WND-DIR 140	WW-CODE 02	
LON 123-081W	HR 10.0	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1001.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
100	0000	0870 B	30451		2363	14797
100	0005	0869	30433		2362	14797
100	0010	0870	30437		2362	14798
100	0020	0868	30451		2363	14800
100	0040	0869	30531		2369	14804
100	0060	0863	30646		2379	14807
100	0080	0854	30746		2388	14808
100	0100	0851	30795		2393	14811

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	30451		2363	14797	0000	00000	4272
0010	0870	30437		2362	14798	0043	00002	4283
0020	0868	30451		2363	14800	0086	00009	4272
0030	0869	30484		2366	14802	0129	00020	4249
0050	0867	30587		2374	14806	0213	00054	4172
0075	0856	30724		2386	14807	0317	00120	4059
0100	0851	30795		2393	14811	0418	00211	4002

C-REF-NO 002	YR 1967	DEPTH 338	WAVES 1 14X2	AIR T	VIS 8
CONS. NO 056	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 58
LAT 48-430N	DAY 07	NO.DPTH 10	WND-DIR 140	WW-CODE 01	
LON 123-143W	HR 10.7	W-COLOR	WND-SPD 07	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1001.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
107	0000	0780 B	30602		2388	14764
107	0005	0858	30565		2374	14795
107	0010	0861	30573		2374	14797
107	0020	0857	30603		2377	14797
107	0040	0852	30711		2386	14800
107	0060	0846	30794		2393	14802
107	0080	0843	30813		2395	14804
107	0100	0843	30810		2395	14808
107	0200	0837	31046		2414	14825
107	0300	0834	31105		2419	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0780 B	30602		2388	14764	0000	00000	4037
0010	0861	30573		2374	14797	0041	00002	4169
0020	0857	30603		2377	14797	0083	00009	4143
0030	0854	3065 B		2381	14799	0124	00019	4102
0050	0849	30758		2390	14801	0206	00052	4020
0075	0843	30812		2395	14804	0306	00117	3975
0100	0843	30810		2395	14808	0406	00206	3979
0126	0841	3086 I		2400	14812	0506	00321	3936
0151	0840	3092 I		2405	14816	0604	00459	3893
*0176	0838	3098 I		2410	14820	0701	00621	3852
*0201	0837	31046		2414	14825	0798	00806	3810
0226	0836	31075		2417	14829	0893	01014	3790
0251	0835	31094		2418	14833	0988	01245	3778
0302	0834	31105		2419	14841	1178	01781	3775



C-REF-NO 002	YR 1967	DEPTH 227	WAVES 1 13X3	AIR T	VIS 8
CONS. NO 057	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 59
LAT 48-378N	DAY 07	NO.DPTH 9	WND-DIR 130	WW-CODE 01	
LON 123-146W	HR 11.7	W-COLOR	WND-SPD 05	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1002.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
117 0000		0860 B	30437	559	2363	14793
117 0005		0839	30365	532	2361	14785
117 0010		0840	30537	520	2374	14788
117 0019		0838	30643	515	2383	14790
117 0039		0845	30719	514	2388	14797
117 0058		0843	30792	508	2394	14801
117 0077		0833	30966	512	2409	14802
117 0097		0833		488		
117 0174		0832	31095	485	2419	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	30437	559	2363	14793	0000	00000	4269
0010	0840	30537	520	2374	14788	0042	00002	4166
0020	0838	30649	515	2383	14791	0084	00008	4083
0030	0841	3069 C	514	2387	14794	0125	00019	4051
0050	0845	3075 B	510	2391	14799	0206	00052	4016
0075	0834	30946	512	2407	14802	0305	00115	3862
0100	0833	3105 B	486	2416	14807	0401	00201	3784
0126	0831	3110 C	476 B	2420	14811	0495	00310	3745
*0151	0831	3112 B	476 B	2421	14815	0589	00443	3740
*0176	0832	31093	486	2419	14819	0684	00600	3765



C-REF-NO 002	YR 1967	DEPTH 298	WAVES 1 14X2	AIR T	VIS 8
CONS. NO 058	MONTH 12	MXSAMPD 03	WAVES 2 XX	WET B	STN 60
LAT 48-339N	DAY 07	NO.DPTH 10	WND-DIR 140	WW-CODE 02	
LON 123-128W	HR 12.6	W-COLOR	WND-SPD 05	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1003.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
126	0000	0830 B	30699	537	2388	14785
126	0005	0834	30675	522	2386	14787
126	0010	0837	30746	520	2391	14790
126	0020	0835	30837	516	2398	14792
126	0040	0842	30868	507	2400	14798
126	0059	0841	30894	502	2402	14801
126	0079	0833	30958	501	2408	14802
126	0099	0831	31007	497	2412	14805
126	0197	0832	31106	485	2420	14823
126	0256	0822	31434	472	2447	14833

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	30699	537	2388	14785	0000	00000	4032
0010	0837	30746	520	2391	14790	0040	00002	4007
0020	0835	30837	516	2398	14792	0080	00008	3938
0030	0838	3086 C	511	2400	14795	0120	00018	3923
0050	0842	30880	504	2401	14800	0199	00051	3920
0075	0835	30944	501	2407	14802	0296	00113	3865
0100	0831	31007	497	2412	14806	0393	00199	3816
0126	0831	3103 I	494	2414	14810	0488	00310	3801
*0151	0832 B	3105 I	491	2416	14815	0584	00444	3786
*0176	0832	3108 I	488	2418	14819	0679	00602	3771
0201	0832	31118	484	2421	14824	0773	00784	3748
0226	0828	31238	479	2431	14828	0866	00986	3658
*0251	0823	31392	473	2443	14832	0957	01206	3539

C-REF-NO 002	YR 1967	DEPTH 274	WAVES 1 11X2	AIR T	VIS 8
CONS. NO 059	MONTH 12	MXSAMPD 02	WAVES 2 XX	WET B	STN 61
LAT 48-292N	DAY 07	NO.DPTH 10	WND-DIR 110	WW-CODE 83	
LON 123-092W	HR 14.8	W-COLOR	WND-SPD 05	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC 1003.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
148	0000	0840 B	30795		2394	14790
148	0005	0822	30777		2396	14784
148	0010	0825	30922		2406	14788
148	0020	0822	31023		2415	14789
148	0040	0830	31043		2415	14796
148	0060	0828	31047		2416	14798
148	0080	0823	31051		2417	14800
148	0100	0823	31057		2417	14803
148	0200	0821	31157		2425	14820
148	0250	0820	31339		2440	14830

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	30795		2394	14790	0000	00000	3974
0010	0825	30922		2406	14788	0039	00002	3859
0020	0822	31023		2415	14789	0078	00008	3781
0030	0825	3104 C		2416	14793	0116	00018	3768
0050	0830	31046		2415	14797	0191	00049	3779
0075	0824	31050		2417	14799	0286	00109	3772
0100	0823	31057		2417	14803	0381	00194	3769
0126	0822	3106 C		2418	14807	0476	00303	3767
0151	0821	3107 D		2419	14811	0570	00437	3756
*0176	0821	3111 C		2422	14815	0664	00593	3734
*0201	0821	31157		2425	14820	0758	00773	3705
0226	0821	31237		2432	14825	0850	00974	3648
0251	0820	31339		2440	14830	0941	01195	3575

C-REF-NO 002	YR 1967	DEPTH 150	WAVES 1 18X1	AIR T	VIS 8
CONS. NO 060	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 62
LAT 48-228N	DAY 07	NO.DPTH 8	WND-DIR 180	WW-CODE 01	
LON 123-026W	HR 16.2	W-COLOR	WND-SPD 03	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1005.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
162	0000	0840 B	30876	555	2401	14791
162	0005	0820	30851	538	2402	14784
162	0010	0823	30863	540	2402	14786
162	0020	0822	30880	535	2404	14787
162	0040	0830	31053	526	2416	14796
162	0060	0829	31135	525	2423	14800
162	0080	0818	31254	518	2433	14801
162	0100	0816	31469	515	2450	14806

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	30876	555	2401	14791	0000	00000	3914
0010	0823	30863	540	2402	14786	0039	00002	3901
0020	0822	30880	535	2404	14787	0078	00008	3888
0030	0826	3096 D	530	2409	14792	0117	00018	3835
0050	0831	3109 B	525	2419	14798	0193	00049	3741
0075	0821	31218	520	2430	14800	0286	00108	3642
0100	0816	31469	515	2450	14806	0375	00188	3451

C-REF-NO 002	YR 1967	DEPTH 154	WAVES 1 20X1	AIR T	VIS 8
CONS. NO 061	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 63
LAT 48-146N	DAY 07	NO.DPTH 8	WND-DIR 200	WW-CODE 01	
LON 122-585W	HR 17.2	W-COLOR	WND-SPD 03	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1006.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
172	0000	0880 B	31644		2455	14816
172	0005	0861	31613		2455	14809
172	0010	0860	31611		2455	14810
172	0020	0857	31624		2457	14810
172	0040	0854	31655		2459	14813
172	0060	0827 B	31776		2473	14807
172	0080	0818	31783		2475	14807
172	0100	0819	31787		2475	14811

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	31644		2455	14816	0000	00000	3398
0010	0860	31611		2455	14810	0034	00002	3395
0020	0857	31624		2457	14810	0068	00007	3382
0030	0857	31633		2457	14812	0102	00016	3376
0050	0841 B	3171 C		2466	14810	0169	00043	3295
0075	0819	31787		2475	14807	0251	00095	3215
0101	0819	31787		2475	14811	0332	00168	3220



C-REF-NO 002	YR 1967	DEPTH 93	WAVES 1 18X3	AIR T	VIS 7
CONS. NO 062	MONTH 12	MXSAMPD 01	WAVES 2 27X6	WET 8	STN 76
LAT 48-314N	DAY 07	NO.DPTH 7	WND-DIR 180	WW-CODE	
LON 124-300W	HR 22.5	W-COLOR	WND-SPD 06	CLD-TPE 5	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1010.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
215	0000	0980 B	30502		2350	14839
215	0005	0971	30467		2349	14836
215	0010	0941	30749		2376	14829
215	0019	0900	31099		2409	14820
215	0039	0849	31422		2442	14808
215	0058	0849	31588		2455	14813
215	0077	0848	31609		2457	14816

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	30502		2350	14839	0000	00000	4395
0010	0941	30749		2376	14829	0043	00002	4154
0020	0896	3112 B		2412	14819	0083	00008	3811
0030	0865	3127 I		2428	14811	0120	00018	3655
0050	0846	31535		2451	14810	0192	00047	3437
0075	0848	31614		2457	14816	0277	00102	3385



C-REF-NO 002	YR 1967	DEPTH 218	WAVES 1 19X3	AIR T	VIS
CONS. NO 063	MONTH 12	MXSAMPD 02	WAVES 2 25X8	WET B	STN 75
LAT 48-290N	DAY 07	NO.DPTH 9	WND-DIR 190	WW-CODE 15	
LON 124-320W	HR 23.5	W-COLOR	WND-SPD 07	CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1011.0	CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
235	0000	1030 B	30225	637	2321	14854
235	0005	1014	30280	635	2327	14850
235	0010	1014	30284	637	2328	14850
235	0020	1012	30340	636	2332	14852
235	0040	0985	30876	607	2378	14852
235	0060	0957	31255	580	2412	14850
235	0080	0957	31476	565	2430	14856
235	0100	0932	31537	545	2438	14851
235	0200	0811	32499	390	2532	14834

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1030 B	30225	637	2321	14854	0000	00000	4678
0010	1014	30284	637	2328	14850	0047	00002	4610
0020	1012	30340	636	2332	14852	0093	00009	4567
0030	1000	3060 I	624	2355	14853	0137	00021	4352
0050	0969	31085	593	2397	14851	0221	00055	3953
0075	0957	31436	568	2427	14855	0317	00115	3679
0100	0932	31537	545	2438	14851	0408	00197	3570
0126	0908	3177 I	514	2461	14849	0495	00297	3358
0151	0879	3201 I	478	2484	14845	0577	00412	3143
*0176	0847	3225 I	436	2508	14840	0653	00538	2921
0201	0811	32499	390	2532	14834	0724	00674	2694

C-REF-NO 002	YR 1967	DEPTH 247	WAVES 1 18X2	AIR T	VIS 7
CONS. NO 064	MONTH 12	MXSAMPD 02	WAVES 2 23X8	WET B	STN 74
LAT 48-261N	DAY 08	NO.DPTH 10	WND-DIR 180	WW-CODE 15	
LON 124-346W	HR 00.4	W-COLOR	WND-SPD 02	CLD-TPE 5	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1012.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
004	0000	1020 B	30168		2318	14850
004	0005	1010	30145		2318	14846
004	0010	1012	30163		2319	14848
004	0020	1021	30350		2332	14855
004	0040	1031	30435		2337	14863
004	0060	1029	30443		2338	14866
004	0080	1022 B	30517		2345	14868
004	0100	1017	31060		2388	14876
004	0200	0777	33360		2604	14832
004	0230	0768	33406		2609	14834

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1020 B	30168		2318	14850	0000	00000	4705
0010	1012	30163		2319	14848	0047	00002	4696
0020	1021	30350		2332	14855	0094	00010	4574
0030	1027	3042 D		2336	14860	0139	00021	4532
0050	1031	3044 B		2337	14865	0230	00058	4529
0075	1024 B	3047 D		2341	14867	0344	00131	4496
0100	1017	31060		2388	14876	0451	00226	4054
0126	0957 I	3163 I		2442	14865	0546	00335	3539
0151	0897 I	3221 I		2496	14854	0629	00451	3026
*0176	0837 I	3278 I		2550	14843	0699	00566	2516
*0201	0777	33360		2604	14832	0756	00674	2007
0226	0768	33418		2610	14833	0806	00783	1955

C-REF-NO 002	YR 1967	DEPTH 117	WAVES 1 15X1	AIR T	VIS 7
CONS. NO 065	MONTH 12	MXSAMPD 01	WAVES 2 25X4	WET B	STN 77
LAT 48-245N	DAY 08	NO.DPTH 7	WND-DIR 150	WW-CODE 15	
LON 124-340W	HR 01.4	W-COLOR	WND-SPD 02	CLO-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1012.0	CLO-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
014	0000	1000 B	29997		2308	14840
014	0005	0995	29970		2306	14839
014	0010	1004	30089		2314	14844
014	0020	1014	30291		2328	14852
014	0040	1021	30310		2329	14858
014	0060	1023	30707		2359	14867
014	0080	1017 B	31124		2393	14874

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1000 B	29997		2308	14840	0000	00000	4800
0010	1004	30089		2314	14844	0048	00002	4739
0020	1014	30291		2328	14852	0095	00010	4607
0030	1019	3030 I		2328	14856	0141	00021	4609
0050	1023	3050 I		2344	14863	0232	00059	4465
0075	1019	31012		2383	14872	0340	00127	4089

C-REF-NO 002	YR 1967	DEPTH 157	WAVES 1 18X1	AIR T	VIS 9
CONS. NO 066	MONTH 12	MXSAMPD 01	WAVES 2 25X5	WET 8	STN 73
LAT 48-150N	DAY 08	NO.DPTH 9	WND-DIR 180	WW-CODE 01	
LON 124-067W	HR 04.2	W-COLOR	WND-SPD 04	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1015.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
042	0000	0950 B	30396		2347	14827
042	0005	0983	30373		2340	14839
042	0009	0992	30447		2344	14844
042	0019	1003	30760		2367	14854
042	0037	1012	31071		2389	14864
042	0056	0989	31081		2394	14859
042	0074	0954	31195		2408	14850
042	0093	0922	31263		2419	14842
042	0120	0872	31591		2452	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0950 B	30396		2347	14827	0000	00000	4429
0010	0994	3047 B		2346	14845	0044	00002	4436
0020	1004	30785		2368	14855	0088	00009	4225
0030	1011	30987		2383	14862	0130	00020	4089
0050	0999	3107 I		2392	14861	0211	00053	4004
0075	0952	31198		2409	14850	0310	00116	3848
0100	0909	31327		2426	14839	0404	00200	3691



C-REF-NO 002 YR 1967 DEPTH 192 WAVES 1 XX AIR T VIS 8  
 CONS. NO 067 MONTH 12 MXSAMPD 01 WAVES 2 XX WET B STN 72  
 LAT 48-186N DAY 08 NO.DPTH 9 WND-DIR 310 WW-CODE 61  
 LON 124-040W HR 05.3 W-COLOR WND-SPD 02 CLD-TPE 6  
 MARSD SQ 157 C/I 1815 W-TRNSP BARO 1016.0 CLD-AMT 8 HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
053	0000	0940 B	31101	611	2403	14832
053	0005	0913	31220	600	2417	14824
053	0010	0908	31227	602	2418	14823
053	0020	0893	31339	576	2429	14820
053	0040	0884	31396	565	2435	14821
053	0060	0870	31573	531	2451	14821
053	0080	0893	31866	511	2470	14837
053	0100	0877	31941	498	2478	14835
053	0150	0818	32385	399	2522	14827

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	31101	611	2403	14832	0000	00000	3890
0010	0908	31227	602	2418	14823	0038	00002	3750
0020	0893	31339	576	2429	14820	0076	00008	3646
0030	0887	3136 I	569	2432	14820	0112	00017	3618
0050	0875	31470	549	2442	14820	0184	00046	3529
0075	0887	3179 D	515	2466	14833	0270	00101	3306
0101	0877	31941	498	2478	14835	0351	00174	3188
0126	0854	3216 I	458	2499	14833	0429	00263	2994
0151	0818	32385	399	2522	14827	0502	00365	2781



C-REF-NO 002	YR 1967	DEPTH 115	WAVES 1 XX	AIR T	VIS 9
CONS. NO 068	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 71
LAT 48-222N	DAY 08	NO.DPTH 7	WND-DIR 340	WW-CODE 02	
LON 123-594W	HR 06.3	W-COLOR	WND-SPD 02	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1017.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
063	0000	0970 B	30997		2390	14842
063	0005	0974	30969		2387	14844
063	0010	0979	30982		2388	14846
063	0020	0982	30012		2312	14837
063	0040	0938	31223		2413	14839
063	0060	0922	31562		2442	14841
063	0080	0859	31631		2457	14821

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0970 B	30997		2390	14842	0000	00000	4013
0010	0979	30982		2388	14846	0040	00002	4038
0020	0982	30012		2312	14837	0085	00009	4764
0030	0962 B	3061 I		2362	14839	0130	00021	4287
0050	0931 B	3139 I		2427	14840	0210	00053	3667
0075	0878	3164 B		2455	14828	0299	00109	3402

C-REF-NO 002 YR 1967 DEPTH 154 WAVES 1 XX AIR T VIS 9  
 CONS. NO 069 MONTH 12 MXSAMPD 01 WAVES 2 XX WET B STN 70  
 LAT 48-192N DAY 08 NO.DPTH 8 WND-DIR 270 WW-CODE 02  
 LON 123-432W HR 08.1 W-COLOR WND-SPD 02 CLD-TPE X  
 MARSD SQ 157 C/I 1815 W-TRNSP BARO 1018.0 CLD-AMT 9 HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
081	0000	0940 B	31480		2433	14837
081	0005	0900	31543		2444	14823
081	0010	0882	31543		2447	14817
081	0019	0871	31549		2449	14815
081	0038	0860	31548		2450	14814
081	0058	0843	31558		2454	14810
081	0076	0833	31571		2456	14810
081	0096	0831	31654		2463	14813

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	31480		2433	14837	0000	00000	3608
0010	0882	31543		2447	14817	0036	00002	3477
0020	0870	31549		2449	14815	0070	00007	3457
0030	0864	31549		2450	14814	0105	00016	3450
0050	0850	31553		2452	14812	0174	00044	3429
0075	0833	31569		2456	14810	0260	00099	3398

C-REF-NO 002	YR 1967	DEPTH 174	WAVES 1 23XX	AIR T	VIS 8
CONS. NO 070	MONTH 12	MXSAMPD 01	WAVES 2 25X4	WET B	STN 69
LAT 48-156N	DAY 08	NO.DPTH 9	WND-DIR 250	WW-CODE 02	
LDN 123-432W	HR 09.1	W-COLOR	WND-SPD 01	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1019.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
091	0000	0960 B	31379	566	2422	14843
091	0005	0892	31346	571	2430	14818
091	0010	0889	31372	559	2432	14818
091	0020	0884	31407	540	2436	14818
091	0040	0863	31529	522	2448	14815
091	0060	0856	31560	513	2452	14816
091	0080	0848	31589	519	2455	14816
091	0100	0843	31625	507	2459	14818
091	0150	0831	32180	438	2504	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0960 B	31379	566	2422	14843	0000	00000	3714
0010	0889	31372	559	2432	14818	0037	00002	3614
0020	0884	31407	540	2436	14818	0073	00007	3582
0030	0874	3146 B	529	2442	14816	0109	00017	3523
0050	0859	31550	516	2451	14815	0179	00045	3444
0075	0850	31581	518	2454	14816	0265	00100	3413
0101	0843	31625	507	2459	14818	0350	00177	3374
0126	0837	3182 B	480	2476	14822	0433	00272	3218
0151	0831	32180	438	2504	14829	0511	00381	2951

C-REF-NO 002	YR 1967	DEPTH 137	WAVES 1 17X5	AIR T	VIS 8
CONS. NO 071	MONTH 12	MXSAMPD 01	WAVES 2 25X3	WET B	STN 68
LAT 48-122N	DAY 08	NO.DPTH 8	WND-DIR 160	WW-CODE 02	
LON 123-430W	HR 10.1	W-COLOR	WND-SPD 01	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC 1020.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
105	0000	0970 B	31106		2399	14843
105	0005	0957	31085		2399	14839
105	0010	0955	31090		2400	14839
105	0020	0955	31099		2401	14841
105	0040	0964 B	31109		2400	14847
105	0060	0957	31176		2406	14849
105	0080	0936	31333		2422	14846
105	0100	0844	31662		2461	14819

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0970 B	31106		2399	14843	0000	00000	3932
0010	0955	31090		2400	14839	0039	00002	3922
0020	0955	31099		2401	14841	0079	00008	3916
0030	0960	31101		2400	14844	0118	00018	3925
0050	0962	31133		2402	14849	0197	00050	3907
0075	0945	31281		2416	14848	0293	00112	3775
0100	0844	31662		2461	14819	0383	00191	3348

C-REF-NO 002	YR 1967	DEPTH 97	WAVES 1 10X5	AIR T	VIS 8
CONS. NO 072	MONTH 12	MXSAMPD 01	WAVES 2 25X2	WET B	STN 64
LAT 48-128N	DAY 08	NO.DPTH 7	WND-DIR 100	WW-CODE 02	
LON 123-058W	HR 12.5	W-COLOR	WND-SPD 03	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
125	0000	0900	B			
125	0005	0892				
125	0010	0892				
125	0020	0890				
125	0040	0889				
125	0060	0875				
125	0080	0845				



C-REF-NO 002	YR 1967	DEPTH 121	WAVES 1 14X1	AIR T	VIS 7
CONS. NO 073	MONTH 12	MXSAMPD 01	WAVES 2 25X3	WET B	STN 65
LAT 48-159N	DAY 08	NO.DPTH 8	WND-DIR 140	WW-CODE 02	
LON 123-098W	HR 13.6	W-COLOR	WND-SPD 04	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SCUND
136	0000	0830 B		551		
136	0005	0816		513		
136	0010	0819		505		
136	0020	0838		522		
136	0040	0853		516		
136	0060	0833		492		
136	0080	0814		465		
136	0110	0814		461		

C-REF-NO 002	YR 1967	DEPTH 104	WAVES 1 12X1	AIR T	VIS 7
CONS. NO 074	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 66
LAT 48-193N	DAY 08	NO.DPTH 7	WND-DIR 120	WW-CODE 02	
LON 123-141W	HR 14.7	W-COLOR	WND-SPD 05	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
147	0000	0830	B			
147	0005	0817				
147	0010	0818				
147	0020	0818				
147	0040	0836				
147	0060	0829				
147	0090	0814				

C-REF-NO 002	YR 1967	DEPTH 106	WAVES 1 09X1	AIR T	VIS
CONS. NO 075	MONTH 12	MXSAMPD 01	WAVES 2 XX	WET B	STN 67
LAT 48-228N	DAY 08	NO.DPTH 7	WND-DIR 090	WW-CODE 02	
LON 123-181W	HR 15.8	W-COLOR	WND-SPD 06	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	C000	0800	B			
158	0005	0812				
158	0010	0813				
158	0020	0813				
158	0040	0821				
158	0060	0821				
158	0080	0816				



OCEANOGRAPHIC DATA CRUISE 001/68

8 - 12 JANUARY 1968





C-REF-NO 001	YR 1968	DEPTH 238	WAVES 1 112X	AIR T	VIS 7
CONS. NO 001	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 1
LAT 49-202N	DAY 08	NO.DPTH 10	WND-DIR 110	WW-CODE 02	
LON 124-120W	HR 20.7	W-COLOR	WND-SPD 04	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1010.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
207	0000	0730 B	28705		2246	14720
207	0005	0742	28699		2244	14726
207	0010	0745	28725		2246	14728
207	0020	0790	28874		2251	14749
207	0030	0851	29335		2279	14780
207	0050	0895	29855		2313	14807
207	0075	0914	30117		2330	14822
207	0100	0918	30259		2341	14829
207	0150	0909	30655		2373	14839
207	0200	0916	30909		2392	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	28705		2246	14720	0000	00000	5392
0010	0745	28725		2246	14728	0054	00003	5396
0020	0790	28874		2251	14749	0108	00011	5342
0030	0851	29335		2279	14780	0160	00024	5080
0050	0895	29855		2313	14807	0259	00064	4757
0075	0914	30117		2330	14822	0376	00139	4594
0100	0918	30259		2341	14829	0490	00241	4497
0125	0914	3045 D		2357	14834	0602	00369	4349
0151	0909	30655		2373	14839	0709	00520	4197
0176	0911	30796		2384	14846	0813	00693	4099
0201	0916	30909		2392	14853	0915	00889	4027

C-REF-NO 001	YR 1968	DEPTH 283	WAVES 1 113X	AIR T	VIS 7
CONS. NO 002	MONTH 1	MXSAMPD 02	WAVES 2 112X	WET B	STN 2
LAT 49-241N	DAY 08	NO.DPTH 11	WND-DIR 110	WW-CODE 02	
LON 124-094W	HR 21.8	W-COLOR	WND-SPD 08	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1009.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
218	0000	0730 B	28560		2235	14718
218	0005	0732	28555		2234	14720
218	0010	0727	28556		2235	14719
218	0020	0751	29102		2274	14737
218	0030	0801	28642		2232	14752
218	0050	0887	29692		2301	14802
218	0075	0892	30066		2330	14813
218	0100	0888	30289		2348	14818
218	0150	0893	30492		2363	14831
218	0200	0905	30673		2375	14846
218	0250	0909	30866		2390	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	28560		2235	14718	0000	00000	5501
0010	0727	28556		2235	14719	0055	00003	5500
0020	0751	29102		2274	14737	0108	00011	5121
0030	0801	28642		2232	14752	0162	00025	5531
0050	0887	29692		2301	14802	0266	00067	4867
0075	0892	30066		2330	14813	0385	00142	4600
0100	0888	30289		2348	14818	0498	00243	4431
0125	0889	3041 D		2357	14824	0609	00370	4344
0151	0893	30492		2363	14831	0717	00523	4294
0176	0899	30583		2369	14838	0824	00701	4240
0201	0905	30673		2375	14846	0930	00904	4185
0226	0908	30769		2382	14852	1034	01131	4121
0251	0909	30866		2390	14858	1137	01381	4055

C-REF-NO 001	YR 1968	DEPTH 329	WAVES 1 113X	AIR T	VIS 7
CONS. NO 003	MONTH 1	MXSAMPD 03	WAVES 2 113X	WET 8	STN 3
LAT 49-266N	DAY 08	NO.DPTH 12	WNO-DIR 110	WW-CODE	
LON 124-200W	HR 23.1	W-COLOR	WNO-SPD 09	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1008.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
231	0000	0690 B	28340	665	2222	14699
231	0005	0683	28333	662	2223	14697
231	0010	0679	28330	663	2223	14697
231	0020	0680	28338	665	2223	14699
231	0030	0753	28682	614	2241	14734
231	0050	0876	29684	458	2302	14798
231	0075	0897	30053	447	2328	14814
231	0100	0901	30294	435	2346	14823
231	0150	0893	30497	412	2363	14831
231	0200	0911	30746	335	2380	14849
231	0250	0912	30903	303	2392	14860
231	0300	0907	31056	274	2405	14868

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SV4
0000	0690 B	28340	665	2222	14699	0000	00000	5617
0010	0679	28330	663	2223	14697	0056	00003	5613
0020	0680	28338	665	2223	14699	0113	00012	5607
0030	0753	28682	614	2241	14734	0168	00026	5439
0050	0876	29684	458	2302	14798	0271	00067	4857
0075	0897	30053	447	2328	14814	0390	00143	4616
0100	0901	30294	435	2346	14823	0504	00244	4446
0125	0897	3039 I	427	2355	14827	0615	00372	4368
0151	0893	30497	412	2363	14831	0723	00525	4290
0176	0901	3062 B	374 B	2372	14840	0830	00702	4211
0201	0911	30746	335	2380	14849	0935	00903	4140
0226	0913	30830	316	2386	14855	1038	01128	4084
0251	0912	30903	303	2392	14860	1140	01376	4032
0301	0907	31056	274	2405	14868	1340	01938	3919



C-REF-NO 001	YR 1968	DEPTH 338	WAVES 1 123X	AIR T	VIS 7
CONS. NO 004	MONTH 1	MXSAMPD 03	WAVES 2 123X	WET B	STN 4
LAT 49-244N	DAY 09	NO.DPTH 12	WND-DIR 120	WW-CODE 02	
LON 124-221W	HR 00.4	W-COLOR	WND-SPD 05	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1008.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
004	0000	0680 B	28393		2228	14696
004	0005	0692	28383		2225	14702
004	0010	0688	28396		2227	14701
004	0020	0687	28397		2227	14702
004	0030	0774	28765		2245	14743
004	0050	0882	28735		2227	14788
004	0075	0901	30094		2331	14816
004	0100	0892	30273		2346	14819
004	0150	0894	30502		2363	14831
004	0200	0906	30721		2379	14847
004	0250	0913	30883		2390	14860
004	0300	0903	31100		2409	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28393		2228	14696	0000	00000	5566
0010	0688	28396		2227	14701	0056	00003	5574
0020	0687	28397		2227	14702	0112	00011	5572
0030	0774	28765		2245	14743	0167	00025	5405
0050	0882	28735		2227	14788	0277	00071	5572
0075	0901	30094		2331	14816	0404	00151	4591
0100	0892	30273		2346	14819	0518	00252	4449
0125	0891	3039 B		2356	14825	0628	00379	4357
0151	0894	30502		2363	14831	0737	00532	4288
0176	0900	30616		2371	14839	0844	00709	4216
0201	0906	30721		2379	14847	0949	00911	4150
0226	0911	3080 B		2384	14854	1053	01136	4103
0251	0913	30883		2390	14860	1155	01385	4048
0301	0903	31100		2409	14867	1355	01946	3881



C-REF-NO 001	YR 1968	DEPTH 320	WAVES 1 161X	AIR T	VIS 7
CONS. NO 005	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 5
LAT 49-273N	DAY 09	NO.DPTH 12	WND-DIR 160	WW-CODE	
LON 124-306W	HR 01.4	W-COLOR	WND-SPD 03	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1008.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
014	0000	0700 B	28551		2238	14706
014	0005	0709	28520		2234	14710
014	0010	0706	28523		2235	14710
014	0020	0716	28576		2238	14716
014	0030	0776	28846		2251	14745
014	0050	0876	29683		2302	14798
014	0075	0910	30045		2325	14819
014	0099	0921	30046		2324	14827
014	0149	0895	30451		2359	14831
014	0199	0916	30714		2377	14850
014	0249	0914	30830		2386	14859
014	0298	0908	31038		2403	14868

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	28551		2238	14706	0000	00000	5471
0010	0706	28523		2235	14710	0055	00003	5500
0020	0716	28576		2238	14716	0110	00011	5472
0030	0776	28846		2251	14745	0164	00025	5346
0050	0876	29683		2302	14798	0267	00066	4858
0075	0910	30045		2325	14819	0386	00142	4640
0100	0921	30052		2324	14827	0503	00247	4654
0125	0909 C	3025 I		2342	14830	0617	00379	4488
0151	0895	30458		2360	14831	0728	00534	4323
0176	0904 B	30606		2370	14841	0835	00713	4230
0201	0916	30717		2377	14850	0941	00915	4168
0226	0917	3077 C		2382	14856	1045	01142	4129
0251	0914	30834		2386	14859	1148	01393	4086
*0301	0908	31048		2404	14868	1350	01959	3926

C-REF-NO 001	YR 1968	DEPTH 190	WAVES 1 133X	AIR T	VIS 7
CONS. NO 006	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 6
LAT 49-305N	DAY 09	NO.DPTH 9	WND-DIR 130	WW-CODE 02	
LON 124-277W	HR 02.3	W-COLOR	WND-SPD 08	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1007.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
023	0000	0680 B	28451	661	2232	14697
023	0005	0695	28418	649	2228	14703
023	0010	0691	28417	656	2228	14702
023	0020	0754	28622	618	2236	14732
023	0030	0777	28899	576	2255	14746
023	0050	0843	29344	468	2281	14781
023	0075	0901	29899	389	2315	14814
023	0100	0919	30202	381	2336	14829
023	0150	0909	30631	360	2371	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0680 B	28451	661	2232	14697	0000	00000	5523
0010	0691	28417	656	2228	14702	0056	00003	5561
0020	0754	28622	618	2236	14732	0111	00011	5484
0030	0777	28899	576	2255	14746	0165	00025	5308
0050	0843	29344	468	2281	14781	0269	00067	5065
0075	0901	29899	389	2315	14814	0392	00146	4736
0100	0919	30202	381	2336	14829	0509	00249	4540
0125	0923	3045 C	367	2356	14838	0620	00378	4361
0151	0909	30631	360	2371	14839	0728	00529	4215

C-REF-NO 001	YR 1968	DEPTH 358	WAVES 1 113X	AIR T	VIS 7
CONS. NO 007	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 7
LAT 49-344N	DAY 09	NO.DPTH 12	WND-DIR 110	WW-CODE 63	
LON 124-242W	HR 03.2	W-COLOR	WND-SPD 08	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1006.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
032	0000	0690 B	28485		2234	14701
032	0005	0710	28502		2232	14710
032	0010	0705	28508		2234	14709
032	0020	0703	28511		2234	14710
032	0030	0703	28521		2235	14712
032	0050	0778	28944		2258	14750
032	0075	0901	29925		2317	14814
032	0100	0911	30301		2345	14827
032	0150	0908	30668		2374	14839
032	0200	0912 B	30747		2380	14849
032	0250	0919	30803		2383	14861
032	0320	0917	30838		2386	14872

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	28485		2234	14701	0000	00000	5509
0010	0705	28508		2234	14709	0055	00003	5510
0020	0703	28511		2234	14710	0110	00011	5506
0030	0703	28521		2235	14712	0166	00025	5499
0050	0778	28944		2258	14750	0274	00069	5278
0075	0901	29925		2317	14814	0399	00149	4716
0100	0911	30301		2345	14827	0514	00251	4456
0125	0911	3053 C		2363	14834	0624	00377	4286
0151	0908	30668		2374	14839	0731	00527	4186
0176	0909	3072 D		2379	14844	0835	00701	4148
0201	0912 B	30747		2380	14849	0939	00901	4141
0226	0916	30778		2382	14855	1043	01127	4127
0251	0919	30803		2383	14861	1147	01379	4117
0301	0919	30833		2386	14869	1353	01961	4101



C-REF-NO 001	YR 1968	DEPTH 340	WAVES 1 133X	AIR T	VIS 7
CONS. NO 008	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 8
LAT 49-393N	DAY 09	NO.DPTH 12	WND-DIR 130	WW-CODE 83	
LON 124-330W	HR 04.3	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1004.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
043	0000	0660 B	28528		2241	14690
043	0005	0708	28523		2234	14710
043	0010	0704	28522		2235	14709
043	0020	0701	28519		2235	14709
043	0030	0701	28521		2235	14711
043	0049	0735	28732		2247	14730
043	0074	0918	30078		2327	14822
043	0099	0910	30381		2352	14827
043	0148	0907	30567		2367	14837
043	0197	0916	30696		2375	14850
043	0246	0920 B	30764		2380	14860
043	0316	0918	30829		2385	14872

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	28528		2241	14690	0000	00000	5442
0010	0704	28522		2235	14709	0055	00003	5498
0020	0701	28519		2235	14709	0110	00011	5496
0030	0701	28521		2235	14711	0165	00025	5497
0050	0743	2878 I		2251	14734	0274	00070	5351
0075	0919	3010 B		2328	14824	0399	00148	4612
0100	0910	30388		2352	14828	0512	00249	4389
0125	0907	3048 I		2360	14832	0621	00375	4320
0151	0907	30573		2367	14837	0729	00526	4255
0176	0912	30645		2372	14844	0835	00703	4212
0201	0916	30701		2376	14850	0941	00906	4181
0226	0919	30740		2378	14856	1046	01134	4161
0251	0920 B	30769		2380	14861	1150	01387	4144
0301	0919	30819		2384	14869	1358	01972	4113

C-REF-NO 001	YR 1968	DEPTH 168	WAVES 1 1323	AIR T	VIS 7
CONS. NO 009	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 9
LAT 49-355N	DAY 09	NO.DPTH 9	WND-DIR 120	WW-CODE 01	
LON 124-386W	HR 05.3	W-COLOR	WND-SPD 09	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1003.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
053	0000	0500 B	28900	565	2287	14629
053	0005	0767	28859	577	2253	14738
053	0010	0764	28865	577	2254	14737
053	0020	0765	28884	537	2255	14739
053	0030	0792	29027	526	2263	14754
053	0050	0815	29231	494	2276	14768
053	0075	0884	29856	402	2315	14807
053	0100	0920	30125	381	2330	14828
053	0150	0920	30681	325	2373	14843

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0500 B	28900	565	2287	14629	0000	00000	4994
0010	0764	28865	577	2254	14737	0052	00003	5314
0020	0765	28884	537	2255	14739	0105	00011	5303
0030	0792	29027	526	2263	14754	0158	00024	5231
0050	0815	29231	494	2276	14768	0262	00067	5111
0075	0884	29856	402	2315	14807	0385	00145	4744
0100	0920	30125	381	2330	14828	0503	00250	4599
0125	0933	3040 I	351	2350	14840	0616	00380	4415
0151	0920	30681	325	2373	14843	0724	00532	4195



C-REF-NO 001	YR 1968	DEPTH 91	WAVES 1 1123	AIR T	VIS 7
CONS. NO 010	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 10
LAT 49-407N	DAY 09	NO.DPTH 7	WND-DIR 110	WW-CODE 83	
LON 124-474W	HR 06.3	W-COLOR	WND-SPD 09	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1001.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
063	0000	0740 B	28657		2241	14723
063	0005	0743	28668		2241	14726
063	0010	0744	28708		2244	14727
063	0020	0812	29291		2281	14763
063	0030	0844	29548		2296	14780
063	0049	0858	29769		2312	14792
063	0074	0884	29931		2320	14808

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	28657		2241	14723	0000	00000	5440
0010	0744	28708		2244	14727	0054	00003	5407
0020	0812	29291		2281	14763	0107	00011	5059
0030	0844	29548		2296	14780	0157	00023	4911
0050	0859	29779		2312	14792	0254	00063	4762
*0075	0885	29933		2321	14808	0373	00139	4687

C-REF-NO 001	YR 1968	DEPTH 311	WAVES 1 1124	AIR T	VIS 7
CONS. NO 011	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 11
LAT 49-425N	DAY 09	NO.DPTH 12	WND-DIR 110	WW-CODE 63	
LON 124-433W	HR 07.1	W-COLOR	WND-SPD 10	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
071	0000	0680 B	28617		2245	14699
071	0005	0718	28572		2237	14714
071	0010	0712	28570		2238	14713
071	0019	0711	28567		2237	14714
071	0029	0714	28582		2238	14717
071	0048	0812	29053		2262	14765
071	0072	0918	30084		2327	14822
071	0097	0919	30263		2341	14829
071	0145	0923	30539		2362	14842
071	0193	0921	30688		2374	14851
071	0241	0922	30775		2381	14860
071	0280	0919	30821		2385	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28617		2245	14699	0000	00000	5399
0010	0712	28570		2238	14713	0055	00003	5471
0020	0710	28564		2237	14714	0109	00011	5474
0030	0718	28596		2239	14719	0164	00025	5460
0050	0823	2913 I		2267	14770	0271	00069	5191
0075	0921	3010 I		2328	14824	0394	00146	4612
0100	0919	30283		2343	14830	0508	00248	4480
0125	0922	30437		2354	14837	0619	00376	4373
0151	0923	30559		2364	14843	0728	00529	4288
0176	0922	30643		2370	14848	0835	00707	4229
0201	0921	30704		2375	14852	0941	00910	4187
0226	0922	30751		2379	14857	1046	01138	4156
0251	0922	30788		2382	14862	1150	01391	4133

C-REF-NO 001	YR 1968	DEPTH 358	WAVES 1 1123	AIR T	VIS 7
CONS. NO 012	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET 8	STN 12
LAT 49-436N	DAY 09	NO.DPTH 12	WND-DIR 110	WW-CODE 63	
LON 124-407W	HR 08.0	W-COLOR	WND-SPD 08	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 998.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
080	0000	0670 B	28478	658	2236	14693
080	0005	0695	28468	647	2232	14704
080	0010	0691	28468	642	2232	14703
080	0020	0693	28483	638	2233	14706
080	0030	0705	28523	637	2235	14713
080	0050	0716	28584	614	2238	14721
080	0075	0919	30122	380	2330	14824
080	0099	0919	30329	384	2346	14830
080	0149	0910	30587	364	2368	14838
080	0198	0920	30758	306	2379	14852
080	0248	0921	30809	300	2383	14861
080	0328	0915	30887	287	2390	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	28478	658	2236	14693	0000	00000	5492
0010	0691	28468	642	2232	14703	0055	00003	5523
0020	0693	28483	638	2233	14706	0111	00011	5514
0030	0705	28523	637	2235	14713	0166	00025	5499
0050	0716	28584	614	2238	14721	0276	00070	5469
0075	0919	30122	380	2330	14824	0402	00150	4597
0100	0919	30336	384	2347	14830	0516	00251	4441
0125	0914	3048 B	378	2359	14834	0626	00378	4329
0151	0910	30591	363	2368	14838	0733	00529	4246
0176	0915	30690	332	2375	14846	0839	00705	4183
0201	0920	30761	305	2380	14853	0944	00906	4143
0226	0921	3079 B	300	2382	14858	1048	01132	4124
0251	0921	30811	299	2384	14862	1151	01383	4115
0301	0918	30865	290	2388	14870	1357	01963	4078



C-REF-NO 001	YR 1968	DEPTH 243	WAVES 1 113X	AIR T	VIS 5
CONS. NO 013	MONTH 1	MXSAMPD 02	WAVES 2 111X	WET B	STN 13
LAT 49-553N	DAY 09	NO.DPTH 11	WND-DIR 110	WW-CODE 73	
LON 124-552W	HR 09.9	W-COLOR	WND-SPD 05	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 995.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
099	0000	0680 B	28281		2219	14695
099	0005	0686	28396		2227	14699
099	0010	0681	28302		2220	14697
099	0020	0687	28373		2225	14702
099	0030	0701	28457		2230	14710
099	0050	0741	28790		2251	14734
099	0075	0876	29844		2315	14804
099	0100	0926	30298		2343	14833
099	0150	0923	30638		2370	14844
099	0200	0921	30742		2378	14853
099	0220	0920	30771		2381	14856

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28281		2219	14695	0000	00000	5650
0010	0681	28302		2220	14697	0057	00003	5636
0020	0687	28373		2225	14702	0113	00012	5589
0030	0701	28457		2230	14710	0169	00026	5544
0050	0741	28790		2251	14734	0278	00070	5346
0075	0876	29844		2315	14804	0405	00150	4742
0100	0926	30298		2343	14833	0520	00253	4479
0125	0933 C	3046 I		2355	14841	0631	00381	4368
0151	0923	30638		2370	14844	0739	00533	4231
0176	0922	3070 C		2375	14849	0845	00708	4181
0201	0921	30742		2378	14853	0950	00909	4158

C-REF-NO 001	YR 1968	DEPTH 316	WAVES 1 132X	AIR T	VIS 4
CONS. NO 014	MONTH 1	MXSAMPD 03	WAVES 2 132X	WET B	STN 14
LAT 49-529N	DAY 09	NO.DPTH 12	WND-DIR 130	WW-CODE 73	
LON 124-594W	HR 10.9	W-COLOR	WND-SPD 05	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 992.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
109	0000	0680 B	28502	627	2236	14698
109	0005		28487	622		
109	0010		28507	618		
109	0020		28700	583		
109	0030		28879	553		
109	0050		29234	485		
109	0074	0823	29461	460	2293	14786
109	0099	0921	30127	364	2330	14836
109	0149	0914	30509	340	2361	14847
109	0199	0918	30692	309	2375	14859
109	0249	0919	30768	292	2380	14868
109	0289	0913	30813	286	2385	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28502	627	2236	14698	0000	00000	5484
0010	0694 C	28507	618	2235	14705	0055	00003	5498
0020	0719 I	28700	583	2247	14719	0110	00011	5383
0030	0738 I	28879	553	2258	14730	0163	00025	5273
0050	0777 I	29234	485	2281	14753	0267	00067	5059
0075	0827	2948 B	456	2294	14780	0392	00147	4941
0100	0922	3014 B	362	2331	14829	0512	00254	4590
0125	0917 I	3032 I	338 C	2346	14834	0625	00384	4451
0151	0914	30514	339	2361	14839	0735	00538	4308
0176	0916	3062 B	323	2370	14845	0843	00717	4234
0201	0918	30694	309	2375	14851	0949	00920	4188
0226	0919	30740	299	2378	14856	1053	01148	4162
0251	0919	30769	292	2381	14860	1158	01402	4142



C-REF-NO 001	YR 1968	DEPTH 110	WAVES 1 132X	AIR T	VIS 4
CONS. NO 015	MONTH 1	MXSAMPD 01	WAVES 2 132X	WET B	STN 15
LAT 49-516N	DAY 09	NO.DPTH 8	WNO-DIR 130	WW-CODE 73	
LON 125-018W	HR 12.1	W-COLOR	WNO-SPD 05	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 989.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
121	0000	0740 B	29015		2269	14728
121	0005	0763	29024		2267	14738
121	0010	0764	29051		2269	14740
121	0020	0772	29145		2275	14746
121	0030	0781	29201		2278	14751
121	0050	0797	29303		2284	14762
121	0075	0834	29576		2300	14784
121	0090	0866	29790		2312	14802

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	29015		2269	14728	0000	00000	5172
0010	0764	29051		2269	14740	0052	00003	5175
0020	0772	29145		2275	14746	0104	00011	5116
0030	0781	29201		2278	14751	0155	00024	5087
0050	0797	29303		2284	14762	0256	00065	5034
0075	0834	29576		2300	14784	0381	00144	4983

C-REF-NO 001	YR 1968	DEPTH 165	WAVES 1 3623	AIR T	VIS 4
CONS. NO 016	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 16
LAT 49-573N	DAY 09	NO.DPTH 9	WND-DIR 360	WW-CODE 73	
LON 125-075W	HR 13.5	W-COLOR	WND-SPD 08	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 985.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
135	0000	0700 B	28785	600	2256	14709
135	0005	0734	28858	570	2257	14724
135	0010	0758	28949	556	2261	14736
135	0020	0766 B	29024	538	2266	14742
135	0030	0786	29200	513	2277	14753
135	0050	0790	29256	511	2281	14759
135	0075	0838	29602	455	2301	14786
135	0100	0928	30385	356	2349	14834
135	0125	0921	30606	329	2368	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	28785	600	2256	14709	0000	00000	5296
0010	0758	28949	556	2261	14736	0053	00003	5244
0020	0766 B	29024	538	2266	14742	0105	00011	5199
0030	0786	29200	513	2277	14753	0157	00024	5094
0050	0790	29256	511	2281	14759	0259	00066	5059
0075	0838	29602	455	2301	14786	0383	00145	4869
0100	0928	30385	356	2349	14834	0500	00249	4418
0125	0921	30606	329	2368	14839	0609	00374	4248

C-REF-NO 001	YR 1968	DEPTH 265	WAVES 1 3422	AIR T	VIS 4
CONS. NO 017	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 17
LAT 49-588N	DAY 09	NO.DPTH 11	WND-DIR 340	WW-CODE 73	
LON 125-043W	HR 14.2	W-COLOR	WND-SPD 08	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 984.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
142	0000	0660 B	28575		2244	14690
142	0005	0724	28700		2246	14718
142	0010	0718	28730		2249	14717
142	0020	0738	28813		2253	14728
142	0030	0756	28959		2262	14739
142	0050	0769	29087		2271	14749
142	0075	0812	29402		2289	14773
142	0100	0921	30320		2345	14831
142	0150	0923	30580		2365	14843
142	0200	0922	30703		2375	14853
142	0240	0918	30768		2381	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	28575		2244	14690	0000	00000	5407
0010	0718	28730		2249	14717	0054	00003	5358
0020	0738	28813		2253	14728	0108	00011	5322
0030	0756	28959		2262	14739	0161	00024	5237
0050	0769	29087		2271	14749	0265	00067	5159
0075	0812	29402		2289	14773	0392	00148	4983
0100	0921	30320		2345	14831	0511	00253	4456
0125	0922 I	3045 I		2355	14837	0621	00381	4365
0151	0923	30580		2365	14843	0730	00533	4274
0176	0923	3065 B		2371	14848	0837	00711	4222
0201	0922	30703		2375	14853	0942	00913	4189
0226	0920	30748		2379	14856	1047	01141	4155

C-REF-NO 001	YR 1968	DEPTH 146	WAVES 1 3421	AIR T	VIS 4
CONS. NO 018	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 18
LAT 49-592N	DAY 09	NO.DPTH 9	WND-DIR 360	WW-CODE 73	
LON 124-589W	HR 15.0	W-COLOR	WND-SPD 02	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 983.0	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
150	0000	0490 B	27535		2181	14607
150	0005	0672	28161		2210	14691
150	0010	0678	28282		2219	14695
150	0020	0688	28459		2232	14703
150	0030	0692	28523		2236	14707
150	0050	0694	28564		2239	14712
150	0075	0892	29967		2322	14811
150	0100	0930	30342		2346	14835
150	0125	0921	30483		2358	14837

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0490 B	27535		2181	14607	0000	00000	6016
0010	0678	28282		2219	14695	0058	00003	5648
0020	0688	28459		2232	14703	0115	00011	5526
0030	0692	28523		2236	14707	0170	00026	5485
0050	0694	28564		2239	14712	0279	00070	5457
0075	0892	29967		2322	14811	0407	00150	4673
0100	0930	30342		2346	14835	0521	00253	4453
0125	0921	30483		2358	14837	0632	00379	4339



REF-NO 001	YR 1968	DEPTH 274	WAVES 1 3621	AIR T	VIS 4
ONS. NO 019	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 19
AT 50-012N	DAY 09	NO.DPTH 11	WND-DIR 360	WW-CODE 73	
ON 124-529W	HR 15.8	W-COLOR	WND-SPD 04	CLD-TPE X	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO 981.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	0000	0520 B	27850		2203	14624
158	0005	0651	28096		2208	14681
158	0010	0655	28145		2211	14684
158	0020	0660	28230		2217	14689
158	0030	0672	28303		2222	14697
158	0050	0813	29193		2273	14767
158	0075	0894	29913		2318	14811
158	0100	0906	30195		2338	14824
158	0150	0889	30460		2361	14829
158	0200	0875	30578		2372	14833
158	0250	0875	30612		2375	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0520 B	27850		2203	14624	0000	00000	5806
0010	0655	28145		2211	14684	0058	00003	5724
0020	0660	28230		2217	14689	0115	00012	5666
0030	0672	28303		2222	14697	0172	00026	5626
0050	0813	29193		2273	14767	0280	00070	5137
0075	0894	29913		2318	14811	0403	00148	4715
0100	0906	30195		2338	14824	0519	00252	4527
0125	0901	3036 D		2352	14828	0631	00380	4399
0151	0889	30460		2361	14829	0741	00534	4312
0176	0881	30533		2368	14831	0848	00713	4249
0201	0875	30578		2372	14833	0955	00917	4211
0226	0873	30607		2375	14837	1060	01147	4192
0251	0875	30612		2375	14842	1165	01403	4194



C-REF-NO 001	YR 1968	DEPTH 304	WAVES 1 1024	AIR T	VIS 7
CONS. NO 020	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 20
LAT 49-472N	DAY 09	NO.DPTH 12	WND-DIR 100	WW-CODE 26	
LON 124-323W	HR 17.9	W-COLOR	WND-SPD 10	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 979.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
179	0000	0720 B	27866	649	2181	14705
179	0005	0693	28161	633	2208	14699
179	0010	0689	28164	634	2209	14698
179	0020	0691	28190	635	2210	14701
179	0030	0697	28227	632	2213	14706
179	0050	0774	28720	551	2241	14746
179	0075	0929	30058	391	2324	14827
179	0100	0912	30235	423	2340	14826
179	0150	0922	30540	356	2362	14842
179	0200	0908	30742	290	2380	14848
179	0250	0893	30925	257	2397	14853
179	0280	0891	30977	251	2401	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	27866	649	2181	14705	0000	00000	6009
0010	0689	28164	634	2209	14698	0059	00003	5749
0020	0691	28190	635	2210	14701	0117	00012	5731
0030	0697	28227	632	2213	14706	0174	00026	5712
0050	0774	28720	551	2241	14746	0286	00072	5440
0075	0929	30058	391	2324	14827	0412	00152	4659
0100	0912	30235	423	2340	14826	0528	00254	4506
0125	0915 B	30398	400 C	2352	14834	0639	00383	4394
0151	0922	30540	356	2362	14842	0748	00536	4301
0176	0917	30649	321	2371	14846	0855	00714	4217
0201	0908	30742	290	2380	14848	0960	00915	4138
0226	0900	3084 B	270	2389	14850	1063	01139	4055
0251	0893	30925	257	2397	14853	1165	01385	3987

C-REF-NO 001	YR 1968	DEPTH 333	WAVES 1 1623	AIR T	VIS 8
CONS. NO 021	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 21
LAT 49-437N	DAY 09	NO.DPTH 12	WNO-DIR 160	WW-CODE 01	
LON 124-219W	HR 18.8	W-COLOR	WND-SPD 07	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 982.0	CLD-AMT 5	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
188	0000	0710 B	28309		2217	14707
188	0005	0707	28280		2215	14706
188	0010	0703	28289		2217	14706
188	0020	0717	28381		2222	14714
188	0030	0747	28597		2235	14730
188	0050	0853	29416		2285	14785
188	0075	0904	30016		2324	14817
188	0100	0912	30275		2343	14827
188	0150	0908	30537		2364	14837
188	0200	0908	30725		2379	14848
188	0250	0897	30948		2398	14854
188	0300	0896	31034		2405	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	28309		2217	14707	0000	00000	5665
0010	0703	28289		2217	14706	0057	00003	5671
0020	0717	28381		2222	14714	0113	00012	5620
0030	0747	28597		2235	14730	0169	00026	5495
0050	0853	29416		2285	14785	0275	00068	5025
0075	0904	30016		2324	14817	0396	00146	4654
0100	0912	30275		2343	14827	0511	00248	4477
0125	0911	3043 D		2355	14833	0622	00375	4362
0151	0908	30537		2364	14837	0730	00528	4283
0176	0908	3063 B		2372	14842	0837	00706	4216
0201	0908	30725		2379	14848	0942	00907	4151
0226	0903	3084 C		2389	14851	1045	01131	4059
0251	0897	30948		2398	14854	1146	01377	3976
0301	0896	31034		2405	14863	1345	01936	3919

C-REF-NO 001	YR 1968	DEPTH 358	WAVES 1 1623	AIR T	VIS 8
CONS. NO 022	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 22
LAT 49-401N	DAY 09	NO.DPTH 12	WND-DIR 160	WW-CODE 02	
LON 124-163W	HR 19.7	W-COLOR	WND-SPD 06	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 984.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
197	0000	0720 B	28215		2209	14710
197	0005	0699	28168		2208	14702
197	0010	0695	28168		2208	14701
197	0020	0700	28208		2211	14705
197	0030	0707	28239		2212	14710
197	0050	0840	29312		2279	14779
197	0075	0899	30000		2324	14814
197	0100	0892	30199		2340	14818
197	0150	0914	30509		2361	14839
197	0200	0907	30724		2379	14847
197	0250	0899	30980		2400	14856
197	0330	0905	31108		2409	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0720 B	28215		2209	14710	0000	00000	5747
0010	0695	28168		2208	14701	0058	00003	5753
0020	0700	28208		2211	14705	0115	00012	5729
0030	0707	28239		2212	14710	0173	00026	5715
0050	0840	29312		2279	14779	0281	00070	5084
0075	0899	30000		2324	14814	0403	00148	4658
0100	0892	30199		2340	14818	0518	00250	4504
0125	0902 B	30367		2352	14828	0630	00379	4396
0151	0914	30509		2361	14839	0739	00532	4312
0176	0912	3062 B		2370	14844	0847	00711	4232
0201	0907	30724		2379	14847	0952	00913	4150
0226	0902	3085 C		2390	14851	1055	01137	4048
0251	0899	30980		2400	14856	1156	01381	3956
0301	0900	3109 B		2409	14866	1353	01936	3881



C-REF-NO 001	YR 1968	DEPTH 296	WAVES 1 162X	AIR T	VIS 8
CONS. NO 023	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 23
LAT 49-351N	DAY 09	NO.DPTH 12	WND-DIR 160	WW-CODE 03	
LON 124-096W	HR 20.7	W-COLOR	WND-SPD 06	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 986.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
207	0000	0780 B	28811		2248	14741
207	0005	0776	28811		2248	14740
207	0010	0772	28812		2249	14740
207	0020	0771	28812		2249	14741
207	0030	0776	28834		2250	14745
207	0050	0866	29446		2285	14791
207	0075	0892	29893		2316	14810
207	0100	0890	30175		2339	14817
207	0150	0897	30455		2359	14832
207	0200	0908	30725		2379	14848
207	0250	0905	30957		2397	14858
207	0275	0902	31112		2410	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0780 B	28811		2248	14741	0000	00000	5375
0010	0772	28812		2249	14740	0054	00003	5364
0020	0771	28812		2249	14741	0108	00011	5364
0030	0776	28834		2250	14745	0161	00025	5355
0050	0866	29446		2285	14791	0266	00067	5020
0075	0892	29893		2316	14810	0388	00145	4728
0100	0890	30175		2339	14817	0504	00248	4518
0125	0892	3031 I		2349	14824	0616	00377	4422
0151	0897	30455		2359	14832	0726	00532	4327
0176	0903	30593		2369	14840	0834	00711	4238
0201	0908	30725		2379	14848	0939	00913	4151
0226	0908	3083 B		2388	14853	1042	01137	4071
0251	0905	30957		2397	14858	1144	01383	3982

C-REF-NO 001	YR 1968	DEPTH 424	WAVES 1 18X3	AIR T	VIS 8
CONS. NO 024	MONTH 1	MXSAMPD 04	WAVES 2 XX	WET B	STN 24
LAT 49-303N	DAY 09	NO.DPTH 13	WND-DIR 180	WW-CODE 26	
LON 124-059W	HR 21.9	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 987.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
219	0000	0740 B	28530	631	2231	14722
219	0005	0745	28507	622	2228	14724
219	0010	0741	28506	622	2229	14724
219	0019	0737	28509	628	2230	14723
219	0029	0738	28523	631	2231	14726
219	0049	0869	29585	476	2296	14794
219	0073	0872	29929	479	2322	14803
219	0097	0877	30053	477	2331	14810
219	0146	0896	30434	412	2358	14830
219	0195	0905	30795	346	2385	14847
219	0243	0910	30986	279	2399	14859
219	0292	0907	31070	270	2406	14867
219	0390	0909	31139	266	2411	14884

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	28530	631	2231	14722	0000	00000	5535
0010	0741	28506	622	2229	14724	0056	00003	5554
0020	0736	2850 B	630	2229	14723	0111	00011	5552
0030	0744 B	2857 I	624	2234	14729	0167	00026	5507
0050	0871	2961 B	474	2297	14795	0271	00068	4904
0075	0872	29943	479	2323	14804	0391	00144	4663
0100	0878	30074	474	2332	14812	0507	00248	4577
0125	0888	3026 C	445	2346	14822	0621	00378	4454
0151	0897	30467	407	2360	14832	0731	00533	4319
0176	0902	3065 B	373	2374	14840	0838	00710	4187
0201	0906	30821	338	2387	14848	0942	00909	4076
0226	0909	30930	301	2395	14855	1043	01130	4004
0251	0910	31002	276	2400	14860	1143	01373	3955
0301	0907	31082	268	2407	14868	1341	01929	3900



C-REF-NO 001	YR 1968	DEPTH 320	WAVES 1 16X3	AIR T	VIS 8
CONS. NO 025	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 25
LAT 49-277N	DAY 09	NO.DPTH 12	WND-DIR 160	WW-CODE 03	
LON 124-076W	HR 22.9	W-COLOR	WND-SPD 06	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 988.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
229	0000	0750 B	28581		2234	14726
229	0005	0752	28565		2232	14728
229	0010	0746	28564		2233	14726
229	0019	0747	28568		2233	14728
229	0029	0763	28681		2240	14738
229	0048	0861	29603		2298	14791
229	0072	0873	29862		2317	14802
229	0097	0872	30083		2334	14809
229	0145	0891	30384		2355	14828
229	0193	0907	30657		2374	14845
229	0242	0906	30855		2389	14855
229	0290	0903				

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	28581		2234	14726	0000	00000	5510
0010	0746	28564		2233	14726	0055	00003	5517
0020	0748	28571		2233	14729	0111	00011	5515
0030	0768	2872 D		2243	14740	0165	00025	5426
0050	0865	2964 D		2301	14793	0269	00067	4870
0075	0873	29891		2319	14803	0389	00144	4703
0100	0873	30105		2336	14810	0505	00247	4546
0125	0882	3027 B		2347	14819	0618	00377	4440
0151	0893	30415		2357	14830	0728	00532	4351
0176	0902	30561		2367	14839	0836	00712	4260
0201	0907	30690		2376	14847	0942	00915	4176
0226	0907	30795		2384	14852	1046	01141	4103

C-REF-NO 001	YR 1968	DEPTH 238	WAVES 1 20X2	AIR T	VIS 6
CONS. NO 026	MONTH 1	MXSAMPD 02	WAVES 2 14X2	WET B	STN 26
LAT 49-143N	DAY 10	NO.DPTH 10	WND-DIR 200	WW-CODE 67	
LON 123-509W	HR 00.8	W-COLOR	WND-SPD 08	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 991.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SCUND
008	0000	0680 B	28965		2272	14704
008	0005	0809	28941		2254	14755
008	0010	0807	28946		2255	14755
008	0020	0835	29239		2274	14771
008	0030	0847	29317		2278	14779
008	0050	0899	29990		2323	14810
008	0075	0906	30248		2342	14820
008	0100	0898	30412		2356	14823
008	0150	0903	30667		2375	14837
008	0200	0907	30790		2384	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28965		2272	14704	0000	00000	5138
0010	0807	28946		2255	14755	0052	00003	5309
0020	0835	29239		2274	14771	0105	00011	5129
0030	0847	29317		2278	14779	0156	00024	5088
0050	0899	29990		2323	14810	0254	00063	4662
0075	0906	30248		2342	14820	0369	00137	4484
0100	0898	30412		2356	14823	0480	00236	4354
0126	0899	30554		2367	14830	0588	00360	4254
0151	0903	30667		2375	14837	0694	00509	4180
0176	0905	30745		2381	14843	0798	00682	4128
0201	0907	30790		2384	14848	0901	00881	4101

C-REF-NO 001	YR 1968	DEPTH 366	WAVES 1 18X2	AIR T	VIS 6
CONS. NO 027	MONTH 1	MXSAMPD 03	WAVES 2 14X2	WET B	STN 27
LAT 49-190N	DAY 10	NO.DPTH 12	WND-DIR 180	WW-CODE	
LON 123-481W	HR 01.7	W-COLOR	WND-SPD 06	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 991.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
017	0000	0690 B	28337	637	2222	14699
017	0005	0718	28336	640	2218	14711
017	0010	0712	28340	641	2220	14710
017	0020	0712	28343	638	2220	14712
017	0030	0714	28369	636	2222	14714
017	0050	0874	29548	486	2292	14795
017	0075	0865	29839	491	2316	14799
017	0100	0858	30208	482	2346	14806
017	0150	0896	30633	383	2373	14834
017	0200	0912	30893	303	2391	14851
017	0250	0908	31007	282	2401	14859
017	0340	0909	31130	271	2410	14876

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	28337	637	2222	14699	0000	00000	5620
0010	0712	28340	641	2220	14710	0056	00003	5644
0020	0712	28343	638	2220	14712	0113	00012	5642
0030	0714	28369	636	2222	14714	0170	00026	5626
0050	0874	29548	486	2292	14795	0276	00069	4956
0075	0865	29839	491	2316	14799	0397	00146	4730
0100	0858	30208	482	2346	14806	0512	00249	4448
0125	0874 B	3045 D	438 B	2363	14819	0622	00375	4290
0151	0896	30633	383	2373	14834	0729	00525	4195
0176	0907	30782	338	2383	14844	0833	00698	4103
0201	0912	30893	303	2391	14851	0935	00894	4033
0226	0911	3096 B	288	2397	14856	1036	01113	3984
0251	0908	31007	282	2401	14859	1136	01355	3949
0301	0908	3109 B	269	2407	14869	1333	01910	3893

C-REF-NO 001	YR 1968	DEPTH 128	WAVES 1 1222	AIR T	VIS 7
CONS. NO 028	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 28
LAT 49-242N	DAY 10	NO.DPTH 8	WND-DIR 110	WW-CODE 01	
LON 123-454W	HR 02.7	W-COLOR	WND-SPD 04	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 991.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
027	0000	0610 B	26568		2092	14644
027	0005	0616	26539		2089	14647
027	0010	0633	26864		2113	14659
027	0020	0683	27989		2196	14695
027	0030	0855	29436		2286	14783
027	0050	0850	29786		2314	14789
027	0075	0854	29993		2330	14797
027	0110	0868	30307		2352	14812

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0610 B	26568		2092	14644	0000	00000	6862
0010	0633	26864		2113	14659	0068	00003	6664
0020	0683	27989		2196	14695	0131	00013	5873
0030	0855	29436		2286	14783	0185	00027	5009
0050	0850	29786		2314	14789	0283	00066	4745
0075	0854	29993		2330	14797	0400	00141	4600
0100	0863	3022 B		2346	14808	0514	00242	4446



-REF-NO 001	YR 1968	DEPTH 174	WAVES 1 1822	AIR T	VIS 7
ONS. NO 029	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 29
AT 49-236N	DAY 10	NO.DPTH 9	WND-DIR 180	WW-CODE 02	
ON 123-253W	HR 04.1	W-COLOR	WND-SPD 04	CLO-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 992.0	CLO-AMT 5	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
041	0000	0570 B	25424	680	2007	14613
041	0005	0586	25454	693	2007	14620
041	0010	0587	25830	681	2037	14627
041	0020	0844	29046	527	2257	14772
041	0030	0889	29645	466	2297	14799
041	0050	0873	29807	466	2312	14798
041	0075	0866	29964	474	2326	14801
041	0100	0882	30160	452	2339	14814
041	0150	0901	30554	381	2366	14835

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0570 B	25424	680	2007	14613	0000	00000	7686
0010	0587	25830	681	2037	14627	0075	00004	7395
0020	0844	29046	527	2257	14772	0139	00013	5285
0030	0889	29645	466	2297	14799	0190	00026	4902
0050	0873	29807	466	2312	14798	0287	00065	4762
0075	0866	29964	474	2326	14801	0405	00141	4638
0100	0882	30160	452	2339	14814	0520	00243	4518
0125	0892	30354	422	2352	14824	0632	00372	4392
0151	0901	30554	381	2366	14835	0741	00525	4260



C-REF-NO 001	YR 1968	DEPTH 247	WAVES 1 1422	AIR T	VIS 7
CONS. NO 030	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 30
LAT 49-253N	DAY 10	NO.DPTH 11	WND-DIR 140	WW-CODE 03	
LON 123-223W	HR 04.8	W-COLOR	WND-SPD 03	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 993.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
048	0000	0570 B	25598		2020	14615
048	0005	0579	25498		2012	14618
048	0010	0574	25707		2028	14620
048	0020	0863	29178		2265	14781
048	0030	0877 B	29658		2300	14794
048	0050	0904	29912		2316	14811
048	0075	0896	29982		2323	14813
048	0100	0900	29178		2259	14808
048	0150	0898	30652		2375	14835
048	0200	0903	30930		2396	14848
048	0220	0906	30974		2398	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0570 B	25598		2020	14615	0000	00000	7554
0010	0574	25707		2028	14620	0075	00004	7476
0020	0863	29178		2265	14781	0139	00013	5213
0030	0877 B	29658		2300	14794	0189	00026	4875
0050	0904	29912		2316	14811	0286	00065	4728
0075	0896	29982		2323	14813	0404	00140	4667
0100	0900	29178		2259	14808	0528	00253	5275
0125	0899	2991 I		2317	14822	0654	00397	4730
0151	0898	30652		2375	14835	0766	00553	4183
0176	0900	3079 I		2385	14841	0870	00726	4086
0201	0903	30930		2396	14848	0971	00920	3992

C-REF-NO 001	YR 1968	DEPTH 225	WAVES 1 XX	AIR T	VIS 7
CONS. NO 031	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 31
LAT 49-315N	DAY 10	NO.DPTH 10	WND-DIR 270	WW-CODE 73	
LON 123-272W	HR 06.4	W-COLOR	WND-SPD 01	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 993.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
064	0000	0550 B	25660	679	2027	14607
064	0005	0565	25746	673	2032	14616
064	0010	0616 B	26290	661	2070	14644
064	0020	0826	28805	522	2241	14762
064	0030	0902	29540	466	2287	14802
064	0050	0902	29809	420	2308	14809
064	0075	0908	30040	407	2325	14818
064	0100	0917	30179	386	2335	14828
064	0150	0910	30629	331	2371	14839
064	0200	0910	30963	268	2397	14851

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0550 B	25660	679	2027	14607	0000	00000	7488
0010	0616 B	26290	661	2070	14644	0073	00004	7078
0020	0826	28805	522	2241	14762	0136	00013	5441
0030	0902	29540	466	2287	14802	0188	00026	4998
0050	0902	29809	420	2308	14809	0286	00066	4802
0075	0908	30040	407	2325	14818	0405	00142	4641
0100	0917	30179	386	2335	14828	0520	00245	4555
0125	0915	3040 I	360	2353	14834	0633	00374	4389
0151	0910	30629	331	2371	14839	0741	00526	4218
0176	0910	30806	301	2385	14845	0845	00699	4090
0201	0910	30963	268	2397	14851	0946	00893	3978

C-REF-NO 001	YR 1968	DEPTH 230	WAVES 1 18X2	AIR T	VIS 7
CONS. NO 032	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 32
LAT 49-388N	DAY 10	NO.DPTH 10	WND-DIR 180	WW-CODE 69	
LON 123-144W	HR 07.7	W-COLOR	WND-SPD 06	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 993.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
077	0000	0640 B	27185	383	2138	14664
077	0005	0664	27180	362	2134	14675
077	0010	0663	27209	343	2137	14676
077	0020	0798	28886	321	2251	14752
077	0030	0830	29312	316	2280	14772
077	0050	0880	29808	296	2311	14801
077	0075	0903	30030	244	2325	14816
077	0100	0897	30270	190	2345	14821
077	0150	0879	30318	126	2351	14823
077	0200	0874	30326	074	2353	14830

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0640 B	27185	383	2138	14664	0000	00000	6429
0010	0663	27209	343	2137	14676	0064	00003	6437
0020	0798	28886	321	2251	14752	0124	00012	5343
0030	0830	29312	316	2280	14772	0176	00025	5069
0050	0880	29808	296	2311	14801	0275	00065	4771
0075	0903	30030	244	2325	14816	0393	00141	4642
0100	0897	30270	190	2345	14821	0507	00243	4458
0125	0888	3029 I	154	2348	14822	0619	00371	4431
0151	0879	30318	126	2351	14823	0729	00527	4404
0176	0875	3033 B	098	2353	14826	0840	00711	4390
0201	0874	30326	074	2353	14830	0950	00923	4397

-REF-NO 001 YR 1968 DEPTH 165 WAVES 1 20X2 AIR T VIS 7  
 CONS. NO 033 MONTH 1 MXSAMPD 01 WAVES 2 XX WET B STN 33  
 AT 49-326N DAY 10 NO.DPTH 9 WND-DIR 200 WW-CODE 02  
 ON 123-153W HR 08.6 W-COLOR WND-SPD 05 CLD-TPE 8  
 IARSD SQ 157 C/I 1815 W-TRNSP BARO 994.0 CLD-AMT 8 HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
086	0000	0650 B	26481		2081	14659
086	0005	0620	26807		2110	14652
086	0010	0646	27121		2132	14667
086	0020	0788	28469		2220	14743
086	0030	0863	29459		2287	14787
086	0050	0850	29798		2315	14789
086	0075	0887	29976		2324	14810
086	0100	0892	30182		2339	14818
086	0140	0889	30550		2368	14828

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0650 B	26481		2081	14659	0000	00000	6970
0010	0646	27121		2132	14667	0067	00003	6485
0020	0788	28469		2220	14743	0128	00012	5642
0030	0863	29459		2287	14787	0182	00026	5005
0050	0850	29798		2315	14789	0279	00066	4736
0075	0887	29976		2324	14810	0397	00141	4659
0100	0892	30182		2339	14818	0512	00244	4516
0125	0893	30406		2356	14825	0624	00372	4354



C-REF-NO 001	YR 1968	DEPTH 238	WAVES 1 19X1	AIR T	VIS 7
CONS. NO 034	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 34
LAT 49-306N	DAY 10	NO.DPTH 11	WND-DIR 190	WW-CODE 02	
LON 123-196W	HR 09.5	W-COLOR	WND-SPD 02	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 994.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
095	0000	0560 B	26034		2056	14616
095	0005	0555	26003		2054	14615
095	0010	0616	26742		2105	14650
095	0020		28585			
095	0030	0862	29399		2282	14787
095	0050	0835	29701		2310	14784
095	0075	0885	29946		2321	14810
095	0100	0902	30148		2335	14823
095	0150	0897	30526		2365	14834
095	0200	0899	30910		2395	14848
095	0220	0905	30971		2398	14854

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0560 B	26034		2056	14616	0000	00000	7215
0010	0616	26742		2105	14650	0070	00003	6738
0020	0739 I	28585		2235	14725	0131	00013	5495
0030	0862	29399		2282	14785	0184	00026	5048
0050	0835	29701		2310	14782	0283	00066	4788
0075	0885	29946		2321	14808	0402	00142	4678
0100	0902	30148		2335	14822	0517	00245	4556
0125	0902 B	30339		2350	14828	0630	00375	4418
0151	0897	30526		2365	14833	0739	00528	4276
0176	0896	3071 I		2380	14839	0845	00704	4135
0201	0899	30910		2395	14847	0947	00900	4000



-REF-NO 001	YR 1968	DEPTH 243	WAVES 1 15X1	AIR T	VIS 7
ONS. NO 035	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 35
AT 49-239N	DAY 10	NO.DPTH 11	WND-DIR 150	WW-CODE 03	
ON 123-175W	HR 11.0	W-COLOR	WND-SPD 04	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 995.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
110	0000	0610 B	26247	672	2067	14640
110	0005	0622	26395	661	2077	14647
110	0010	0642	26588	649	2090	14659
110	0020	0741	27845	578	2177	14717
110	0030	0826	29119	522	2265	14768
110	0049	0814	29636	535	2307	14773
110	0074	0836	29871	511	2323	14789
110	0098	0875	30062	462	2332	14810
110	0148	0883	30418	415	2359	14826
110	0197	0893	30828	335	2389	14843
110	0217	0903	30926	308	2395	14851

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0610 B	26247	672	2067	14640	0000	00000	7105
0010	0642	26588	649	2090	14659	0070	00004	6881
0020	0741	27845	578	2177	14717	0135	00013	6051
0030	0826	29119	522	2265	14768	0191	00027	5207
0050	0814	29651	535	2309	14773	0292	00068	4798
0075	0838	29879	509	2323	14790	0410	00144	4661
0100	0876	30076	460	2333	14811	0526	00247	4572
0125	0885 B	3025 B	434 B	2345	14821	0640	00378	4457
0151	0883	30436	412	2360	14826	0750	00532	4322
0176	0887	3065 D	372	2376	14835	0857	00710	4168
0201	0894	30845	331	2390	14844	0960	00907	4042

C-REF-NO 001	YR 1968	DEPTH 150	WAVES 1 19X2	AIR T	VIS 8
CONS. NO 036	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 36
LAT 49-190N	DAY 10	NO.DPTH 8	WND-DIR 190	WW-CODE 01	
LON 123-199W	HR 11.7	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 995.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
117	0000	0640 B	26245	683	2064	14652
117	0005	0640	26135	686	2055	14651
117	0010	0652	26277	664	2065	14659
117	0020	0712	27536	602	2157	14701
117	0030	0802	29061	552	2264	14758
117	0050	0811	29744	541	2316	14773
117	0075	0821	29814	533	2320	14782
117	0100	0834	29975	519	2331	14793

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0640 B	26245	683	2064	14652	0000	00000	7138
0010	0652	26277	664	2065	14659	0071	00004	7126
0020	0712	27536	602	2157	14701	0138	00014	6247
0030	0802	29061	552	2264	14758	0196	00028	5219
0050	0811	29744	541	2316	14773	0296	00068	4723
0075	0821	29814	533	2320	14782	0414	00144	4687
0100	0834	29975	519	2331	14793	0530	00248	4589

C-REF-NO 001	YR 1968	DEPTH 223	WAVES 1 20X2	AIR T	VIS 8
CONS. NO 037	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 37
LAT 49-136N	DAY 10	NO.DPTH 10	WND-DIR 200	WW-CODE 03	
LON 123-208W	HR 12.7	W-COLOR	WND-SPD 06	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 996.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
127	0000	0660 B	27928		2194	14682
127	0005	0685	27887		2187	14692
127	0010	0681	27895		2188	14692
127	0020	0739	28416		2222	14723
127	0030	0826	29352		2284	14771
127	0049	0861	29732		2308	14792
127	0074	0800	29803		2322	14774
127	0098	0860	30066		2335	14804
127	0148	0852	30560		2374	14816
127	0197	0901	30919		2395	14847

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	27928		2194	14682	0000	00000	5893
0010	0681	27895		2188	14692	0059	00003	5942
0020	0739	28416		2222	14723	0117	00012	5620
0030	0826	29352		2284	14771	0171	00025	5034
0050	0859	2973 B		2309	14792	0269	00065	4793
0075	0802	29812		2323	14775	0388	00141	4663
0100	0861	30088		2336	14805	0504	00244	4542
0125	0856 I	30345		2357	14811	0615	00372	4346
0151	0853	30577		2375	14817	0722	00523	4174
0176	0875	30772		2387	14832	0826	00695	4063

C-REF-NO 001	YR 1968	DEPTH 311	WAVES 1 20X3	AIR T	VIS 8
CONS. NO 038	MONTH 1	MXSAMPD 03	WAVES 2 20X2	WET B	STN 38
LAT 49-120N	DAY 10	NO.DPTH 12	WND-DIR 200	WW-CODE 01	
LON 123-264W	HR 13.7	W-COLOR	WND-SPD 05	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 996.0	CLD-AMT 4	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
137	0000	0660 B	27909		2192	14682
137	0005	0691	27896		2187	14695
137	0010	0685	27901		2188	14693
137	0020	0688	27921		2190	14696
137	0030	0807	28857		2248	14757
137	0050	0793	29598		2307	14765
137	0074	0791	29747		2319	14770
137	0099	0800	29890		2329	14779
137	0149	0847	30465		2368	14813
137	0198	0912	30914		2393	14851
137	0248	0910	31009		2401	14860
137	0287	0910	31037		2403	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	27909		2192	14682	0000	00000	5907
0010	0685	27901		2188	14693	0059	00003	5942
0020	0688	27921		2190	14696	0119	00012	5930
0030	0807	28857		2248	14757	0176	00027	5378
0050	0793	29598		2307	14765	0278	00068	4809
0075	0791	29752		2320	14770	0397	00144	4692
0100	0801	29900		2330	14780	0514	00248	4590
0125	0821	3018 I		2350	14795	0627	00378	4414
0151	0849	30476		2368	14814	0736	00531	4242
0176	0884 B	3073 C		2383	14835	0840	00705	4107
0201	0913	30922		2393	14852	0943	00901	4012
0226	0915 B	3099 D		2399	14858	1043	01119	3967
0251	0910	31012		2401	14860	1142	01361	3940



C-REF-NO 001	YR 1968	DEPTH 388	WAVES 1 2023	AIR T	VIS 8
CONS. NO 039	MONTH 1	MXSAMPD 04	WAVES 2 XX	WET B	STN 39
LAT 49-098N	DAY 10	NO.DPTH 13	WND-DIR 190	WW-CODE 01	
LON 123-330W	HR 14.6	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 997.0	CLD-AMT 1	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
146	C000	0660 B	28005	665	2200	14683
146	0005	0688	27955	663	2192	14694
146	0010	0688	27974	660	2194	14696
146	C020	0767	28444	621	2221	14735
146	0030	0803	28891	578	2251	14756
146	0050	0861	29469	511	2288	14789
146	0075	0793	29821	550	2325	14771
146	0100	0878	30254	480	2347	14814
146	0150	0888	30568	386	2370	14830
146	0200	0907	30806	324	2385	14848
146	0250	0910	30924	303	2394	14859
146	0300	0909	31024	279	2402	14868
146	0360	0909	31095	270	2407	14879

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	28005	665	2200	14683	0000	00000	5835
0010	0688	27974	660	2194	14696	0059	00003	5890
0020	0767	28444	621	2221	14735	0117	00012	5634
0030	0803	28891	578	2251	14756	0172	00026	5347
0050	0861	29469	511	2288	14789	0275	00068	4996
0075	0793	29821	550	2325	14771	0396	00145	4644
0100	0878	30254	480	2347	14814	0510	00246	4442
0125	0883 I	3041 I	427	2358	14822	0621	00373	4337
0151	0888	30568	386	2370	14830	0728	00524	4230
0176	0898	30699	350	2378	14839	0834	00699	4151
0201	0907	30806	324	2385	14848	0937	00898	4089
0226	0910	3087 B	311	2390	14854	1039	01120	4048
0251	0910	30924	303	2394	14859	1141	01367	4014
0301	0909	31024	279	2402	14868	1341	01930	3946



C-REF-NO 001	YR 1968	DEPTH 139	WAVES 1 1923	AIR T	VIS 8
CONS. NO 040	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 40
LAT 49-087N	DAY 10	NO.DPTH 9	WND-DIR 180	WW-CODE 03	
LON 123-368W	HR 15.5	W-COLOR	WND-SPD 04	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 997.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
155	0000	0750 B	28798		2251	14729
155	0005	0774	28797		2247	14739
155	0010	0776	28854		2252	14742
155	0020	0800	29089		2267	14756
155	0030	0843	29503		2293	14779
155	0050	0831	29811		2319	14782
155	0075	0898	30113		2333	14816
155	0100	0877	30139		2338	14812
155	0120	0881	30266		2347	14818

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0750 B	28798		2251	14729	0000	00000	5347
0010	0776	28854		2252	14742	0054	00003	5338
0020	0800	29089		2267	14756	0106	00011	5194
0030	0843	29503		2293	14779	0157	00024	4944
0050	0831	29811		2319	14782	0254	00063	4700
0075	0898	30113		2333	14816	0370	00137	4573
0100	0877	30139		2338	14812	0485	00240	4527

C-REF-NO 001	YR 1968	DEPTH 205	WAVES 1 1822	AIR T	VIS 7
CONS. NO 041	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STA 41
LAT 49-003N	DAY 10	NO.DPTH 10	WND-DIR 170	WW-CODE 03	
LON 123-300W	HR 16.7	W-COLOR	WND-SPD 04	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 998.0	CLD-AMT 5	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
167	0000	0650 B	27890		2192	14677
167	0005	0679	27841		2184	14689
167	0010	0674	27837		2185	14688
167	0020	0788	29284		2284	14754
167	0030	0772	29493		2302	14752
167	0050	0792	29742		2319	14766
167	0075	0835	30079		2339	14791
167	0100	0855	30300		2354	14806
167	0150	0866	30541		2371	14821
167	0180	0892	30741		2382	14838

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0650 B	27890		2192	14677	0000	00000	5911
0010	0674	27837		2185	14688	0060	00003	5977
0020	0788	29284		2284	14754	0115	00011	5033
0030	0772	29493		2302	14752	0164	00024	4858
0050	0792	29742		2319	14766	0260	00063	4700
0075	0835	30079		2339	14791	0376	00137	4509
0100	0855	30300		2354	14806	0487	00236	4376
0125	0860 B	3042 I		2362	14813	0596	00362	4297
0151	0866	30541		2371	14821	0703	00512	4220
0176	0887	30706		2380	14835	0808	00686	4131

C-REF-NO 001	YR 1968	DEPTH 329	WAVES 1 1722	AIR T	VIS 7
CONS. NO 042	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 42
LAT 49-017N	DAY 10	NO.DPTH 12	WND-DIR 160	WW-CODE 02	
LON 123-263W	HR 17.5	W-COLOR	WND-SPD 04	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 999.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
175	0000	0640 B	27844	653	2189	14673
175	0005	0681	28007	657	2197	14692
175	0010	0788	28853	591	2250	14746
175	0020	0781	29020	592	2264	14748
175	0030	0790	29256	580	2281	14756
175	0050	0790	29778	540	2322	14766
175	0075	0802	29983	506	2336	14777
175	0100	0797	30143	541	2349	14781
175	0150	0870	30576	410	2373	14823
175	0200	0890	30788	343	2386	14842
175	0250	0912	30955	296	2396	14860
175	0300	0909	30999	291	2400	14868

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0640 B	27844	653	2189	14673	0000	00000	5933
0010	0788	28853	591	2250	14746	0057	00003	5354
0020	0781	29020	592	2264	14748	0110	00011	5220
0030	0790	29256	580	2281	14756	0161	00024	5058
0050	0790	29778	540	2322	14766	0259	00064	4670
0075	0802	29983	506	2336	14777	0374	00137	4536
0100	0797	30143	541	2349	14781	0487	00238	4412
0125	0830 D	3035 I	475 I	2362	14801	0596	00363	4300
0151	0870	30576	410	2373	14823	0703	00513	4199
0176	0883	3069 C	371	2380	14834	0808	00687	4131
0201	0890	30788	343	2386	14842	0911	00885	4077
0226	0902	30882	316	2392	14852	1013	01107	4030
0251	0912	30955	296	2396	14860	1113	01352	3995
0301	0909	30999	291	2400	14868	1314	01916	3965

C-REF-NO 001	YR 1968	DEPTH 229	WAVES 1 1823	AIR T	VIS 7
CONS. NO 043	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 43
LAT 49-033N	DAY 10	NO.DPTH 10	WND-DIR 160	WW-CODE 03	
LON 123-223W	HR 18.3	W-COLOR	WND-SPD 04	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 999.0	CLD-AMT 5	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
183	0000	0650 B	28039		2203	14679
183	0005	0674	28012		2198	14690
183	0010	0690	28165		2209	14699
183	0020	0734	28475		2227	14722
183	0030	0761	29110		2274	14742
183	0050	0756	29589		2312	14750
183	0075	0772	29790		2325	14763
183	0100	0799	30063		2343	14781
183	0150	0843	30522		2373	14812
183	0200	0894	30802		2387	14843

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0650 B	28039		2203	14679	0000	00000	5798
0010	0690	28165		2209	14699	0058	00003	5749
0020	0734	28475		2227	14722	0115	00012	5570
0030	0761	29110		2274	14742	0168	00025	5130
0050	0756	29589		2312	14750	0268	00065	4767
0075	0772	29790		2325	14763	0386	00141	4640
0100	0799	30063		2343	14781	0500	00243	4475
0125	0821	30311		2359	14797	0611	00370	4324
0151	0843	30522		2373	14812	0718	00520	4200
0176	0868	30684		2382	14828	0822	00694	4119
0201	0894	30802		2387	14843	0925	00891	4074



C-REF-NO 001	YR 1968	DEPTH 128	WAVES 1 1723	AIR T	VIS 7
CONS. NO 044	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 44
LAT 48-568N	DAY 10	NO.DPTH 8	WND-DIR 170	WW-CODE 02	
LON 123-058W	HR 19.7	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC 1000.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
197	0000	0660 B	28800	351	2262	14693
197	0005	0674	28766	375	2258	14699
197	0010	0703	29116	339	2281	14716
197	0020	0726	29339	353	2296	14730
197	0030	0736	29438	381	2303	14737
197	0050	0766	29630	332	2314	14754
197	0075	0784	29886	324	2331	14769
197	0100	0779	30320	296	2366	14777

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	28800	351	2262	14693	0000	00000	5238
0010	0703	29116	339	2281	14716	0052	00003	5051
0020	0726	29339	353	2296	14730	0102	00010	4914
0030	0736	29438	381	2303	14737	0151	00023	4853
0050	0766	29630	332	2314	14754	0247	00062	4749
0075	0784	29886	324	2331	14769	0364	00137	4584
0100	0779	30320	296	2366	14777	0475	00236	4257



C-REF-NO 001	YR 1968	DEPTH 128	WAVES 1 20X3	AIR T	VIS 7
CONS. NO 045	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 45
LAT 48-540N	DAY 10	NO.DPTH 8	WND-DIR 200	WW-CODE 02	
LON 123-085W	HR 20.4	W-COLOR	WND-SPD 05	CLO-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
204	0000	0540 B	28871	666	2281	14645
204	0005	0701	28855	646	2261	14711
204	0010	0696	28860	642	2262	14710
204	0020	0728	29283	612	2291	14730
204	0030	0731	29411	598	2301	14735
204	0050	0753	29688	573	2320	14750
204	0075	0779	29983	536	2339	14768
204	0100	0776 B	30243	538	2360	14774

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0540 B	28871	666	2281	14645	0000	00000	5056
0010	0696	28860	642	2262	14710	0052	00003	5235
0020	0728	29283	612	2291	14730	0103	00010	4958
0030	0731	29411	598	2301	14735	0152	00023	4866
0050	0753	29688	573	2320	14750	0248	00062	4688
0075	0779	29983	536	2339	14768	0363	00136	4505
0100	0776 B	30243	538	2360	14774	0474	00234	4310

C-REF-NO 001	YR 1968	DEPTH 168	WAVES 1 19X2	AIR T	VIS 8
CONS. NO 046	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 46
LAT 48-517N	DAY 10	NO.DPTH 9	WND-DIR 190	WW-CODE 02	
LON 123-110W	HR 21.1	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1001.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
211	0000	0710 B	29162	638	2284	14718
211	0005	0715	29156	633	2283	14721
211	0010	0710	29156	636	2284	14720
211	0019	0711	29156	625	2284	14722
211	0029	0731	29409	618	2301	14734
211	0049	0760	29668	570	2317	14752
211	0073	0782	30007	535	2341	14769
211	0097	0786	30093	532	2347	14776
211	0145	0791	30598	485	2386	14792

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	29162	638	2284	14718	0000	00000	5026
0010	0710	29156	636	2284	14720	0050	00003	5030
0020	0713	2917 B	624	2285	14723	0101	00010	5019
0030	0733	29426	616	2302	14735	0150	00023	4858
0050	0761	29684	568	2318	14753	0246	00062	4702
0075	0783	3001 B	534	2342	14770	0362	00135	4484
0100	0787	3011 B	530	2349	14777	0473	00235	4419
0126	0790	3038 I	508	2370	14786	0582	00360	4224

C-REF-NO 001 YR 1968 DEPTH 190 WAVES 1 20X1 AIR T VIS 8  
 CONS. NO 047 MONTH 1 MXSAMPD 01 WAVES 2 XX WET B STN 47  
 AT 48-493N DAY 10 NO.DPTH 9 WND-DIR 200 WW-CODE 03  
 ON 123-062W HR 21.8 W-COLOR WND-SPD 04 CLD-TPE 8  
 MARSD SQ 157 C/I 1815 W-TRNSP BARO 1001.0 CLD-AMT 8 HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
218	0000	0690 B	28985		2273	14708
218	0005	0691 B	28967		2271	14709
218	0010	0683	28999		2275	14707
218	0020	0702	29301		2296	14720
218	0030	0745	29672		2320	14743
218	0050	0743	29729		2324	14747
218	0074	0764	29979		2341	14762
218	0099	0768	30191		2357	14770
218	0148	0839	30602		2379	14811

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	28985		2273	14708	0000	00000	5134
0010	0683	28999		2275	14707	0051	00003	5116
0020	0702	29301		2296	14720	0102	00010	4913
0030	0745	29672		2320	14743	0150	00023	4689
0050	0743	29729		2324	14747	0244	00061	4646
0075	0764	29988		2342	14762	0358	00134	4482
0100	0769	30200		2358	14771	0469	00233	4333
0126	0798	30413		2370	14789	0576	00356	4215
*0151	0843	30618		2380	14813	0681	00504	4129

C-REF-NO 001	YR 1968	DEPTH 192	WAVES 1 20X2	AIR T	VIS 6
CONS. NO 048	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 48
LAT 48-517N	DAY 10	NO.DPTH 10	WND-DIR 200	WW-CODE 69	
LON 123-033W	HR 23.8	W-COLOR	WND-SPD 05	CLD-TPE 9	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1003.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
238	0000	0660 B	29041		2281	14697
238	0005	0668	28996		2276	14700
238	0010	0685	29242		2294	14711
238	0020	0749	29767		2327	14745
238	0030	0745	29793		2329	14745
238	0050	0743	29869		2335	14748
238	0074	0757	29966		2341	14759
238	0099	0757 B	30002		2344	14764
238	0149	0760	30447		2378	14779
238	0198	0761	30606		2391	14789

\*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	29041		2281	14697	0000	00000	5057
0010	0685	29242		2294	14711	0050	00003	4935
0020	0749	29767		2327	14745	0098	00010	4623
0030	0745	29793		2329	14745	0144	00022	4599
0050	0743	29869		2335	14748	0236	00059	4542
0075	0757	29967		2341	14759	0349	00132	4489
0100	0757 B	30010		2345	14764	0462	00232	4459
0126	0758	3023 I		2362	14771	0572	00358	4297
0151	0760	30452		2379	14779	0678	00507	4139
0176	0761	3055 B		2387	14785	0781	00679	4065
*0201	0761	30608		2391	14790	0883	00874	4029



C-REF-NO 001	YR 1968	DEPTH 146	WAVES 1 18X2	AIR T	VIS 7
CONS. NO 049	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 49
LAT 48-547N	DAY 11	NO.DPTH 9	WND-DIR 180	WW-CODE 02	
LON 122-597W	HR 00.5	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1003.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
005	0000	0700 B	29429	637	2306	14718
005	0005	0722	29407	627	2302	14727
005	0010	0717	29404	644	2302	14726
005	0020	0717	29403	643	2302	14727
005	0030	0713	29450	592	2306	14728
005	0050	0739	29600	613	2315	14743
005	0075	0769	30092	547	2349	14766
005	0100	0767 B	30258	538	2363	14771
005	0125	0761	30434	533	2377	14775

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	29429	637	2306	14718	0000	00000	4813
0010	0717	29404	644	2302	14726	0048	00002	4852
0020	0717	29403	643	2302	14727	0097	00010	4855
0030	0713	29450	592	2306	14728	0146	00022	4814
0050	0739	29600	613	2315	14743	0242	00062	4737
0075	0769	30092	547	2349	14766	0356	00134	4411
0100	0767 B	30258	538	2363	14771	0466	00232	4287
0126	0761	30434	533	2377	14775	0572	00354	4151



C-REF-NO 001	YR 1968	DEPTH 22	WAVES 1 18X2	AIR T	VIS 6
CONS. NO 050	MONTH 1	MXSAMPD 00	WAVES 2 XX	WET B	STN 50
LAT 48-577N	DAY 11	NO.DPTH 4	WND-DIR 180	WW-CODE 02	
LON 122-561W	HR 01.2	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1004.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
012	0000	0620 B	29284		2305	14684
012	0005	0670	29276		2298	14704
012	0010	0665	29276		2299	14703
012	0015	0663	29274		2299	14703

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	29284		2305	14684	0000	00000	4830
0010	0665	29276		2299	14703	0049	00003	4887

C-REF-NO 001	YR 1968	DEPTH 165	WAVES 1 2022	AIR T	VIS 7
CONS. NO 051	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 51
LAT 48-467N	DAY 11	NO.DPTH 9	WNO-DIR 200	WW-CODE 02	
LOX 122-519W	HR 02.6	W-COLOR	WNO-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1005.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
024	0000		29506	640		
024	0005	0710	29508	633	2311	14723
024	0010	0738		592		
024	0020	0741	29800	584	2330	14743
024	0030	0742	29859	578	2335	14745
024	0050	0750	30075	539	2351	14755
024	0075	0764	30251	528	2362	14767
024	0100	0768	30464		2379	14775
024	0140	0760	30649	513	2394	14781

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000		29506	640					
0010	0738	2960 I	592	2315	14737	0048	00002	4727
0020	0741	29800	584	2330	14742	0094	00010	4588
0030	0742	29859	578	2335	14745	0140	00021	4545
0050	0750	30075	539	2351	14754	0230	00058	4396
0075	0764	30251	528	2362	14766	0339	00127	4286
0100	0768	30464	517	2379	14774	0445	00222	4134
0126	0765	30597	513	2389	14779	0547	00340	4035

C-REF-NO 001	YR 1968	DEPTH 91	WAVES 1 2222	AIR T	VIS 7
CONS. NO 052	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 52
LAT 48-389N	DAY 11	NO.DPTH 7	WND-DIR 230	WW-CODE 01	
LON 122-434W	HR 03.3	W-COLOR	WND-SPD 04	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1070.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
033	0000	0700 B	29876	608	2341	14723
033	0005	0741	29849	587	2334	14740
033	0010	0737	29846	585	2334	14739
033	0020	0735	29845	586	2335	14740
033	0030	0737	29850	578	2335	14743
033	0050	0743	29916	578	2339	14749
033	0075	0756	30000	547	2344	14759

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	29876	608	2341	14723	0000	00000	4478
0010	0737	29846	585	2334	14739	0045	00002	4546
0020	0735	29845	586	2335	14740	0091	00009	4546
0030	0737	29850	578	2335	14743	0137	00021	4546
0050	0743	29916	578	2339	14749	0227	00058	4506
0075	0756	30000	547	2344	14759	0340	00130	4462

C-REF-NO 001	YR 1968	DEPTH 73	WAVES 1 2222	AIR T	VIS 7
CONS. NO 053	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 53
LAT 48-332N	DAY 11	NO.DPTH 6	WND-DIR 230	WW-CODE 01	
LON 122-450W	HR 04.0	W-COLOR	WND-SPD 04	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1008.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
040	0000	0720 B	29943		2344	14732
040	0005	0745	29915		2339	14743
040	0010	0742	29914		2339	14742
040	0020	0741	29929		2340	14744
040	0030	0743	29935		2341	14746
040	0060	0744	29935		2340	14751

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	29943		2344	14732	0000	00000	4452
0010	0742	29914		2339	14742	0045	00002	4501
0020	0741	29929		2340	14744	0090	00009	4491
0030	0743	29935		2341	14746	0135	00021	4489
0050	0744	29939		2341	14750	0225	00058	4490

C-REF-NO 001	YR 1968	DEPTH 77	WAVES 1 2622	AIR T	VIS 7
CONS. NO 054	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 54
LAT 48-267N	DAY 11	NO.DPTH 6	WND-DIR 260	WW-CODE 02	
LON 122-444W	HR 04.6	W-COLOR	WND-SPD 04	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1000.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
046	0000	0680 B	29644	618	2326	14712
046	0005	0725	29644	610	2320	14731
046	0010	0722	29655	607	2321	14731
046	0020	0720	29668	606	2323	14732
046	0030	0724	29700	596	2325	14736
046	0060	0730	29823	588	2333	14744

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	29644	618	2326	14712	0000	00000	4628
0010	0722	29655	607	2321	14731	0047	00002	4671
0020	0720	29668	606	2323	14732	0093	00010	4660
0030	0724	29700	596	2325	14736	0140	00022	4641
0050	0728	29776	588	2330	14741	0233	00059	4593



-REF-NO 001	YR 1968	DEPTH 128	WAVES 1 2223	AIR T	VIS 8
ONS. NO 055	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 55
AT 48-455N	DAY 11	NO.DPTH 8	WND-DIR 220	WW-CODE 01	
ON 122-586W	HR 06.6	W-COLOR	WND-SPD 04	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1010.0	CLD-AMT 1	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
066	0000	0680 B	29717		2332	14713
066	0005	0728	29697		2324	14733
066	0010	0724	29704		2325	14732
066	0020	0726	29732		2327	14735
066	0030	0730	29781		2330	14739
066	0050	0747	30075		2351	14753
066	0075	0761	30269		2364	14765
066	0100	0767	30467		2379	14774

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	29717		2332	14713	0000	00000	4574
0010	0724	29704		2325	14732	0046	00002	4636
0020	0726	29732		2327	14735	0093	00010	4620
0030	0730	29781		2330	14739	0139	00021	4588
0050	0747	30075		2351	14753	0229	00058	4392
0075	0761	30269		2364	14765	0338	00127	4268
0100	0767	30467		2379	14774	0443	00222	4131

C-REF-NO 001	YR 1968	DEPTH 201	WAVES 1 2222	AIR T	VIS 8
CONS. NO 056	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 56
LAT 48-463N	DAY 11	NO.DPTH 10	WND-DIR 220	WW-CODE 02	
LON 123-015W	HR 07.2	W-COLOR	WND-SPD 04	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1011.0	CLD-AMT 1	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
072	0000	0750 B	29818	590	2330	14742
072	0005	0744	29775	584	2328	14740
072	0010	0748	29848	569	2333	14744
072	0020	0751	29936	574	2340	14748
072	0030	0752	29975	570	2342	14750
072	0050	0754	30026	556	2346	14755
072	0075	0764	30156	544	2355	14765
072	0100	0764 B	30650	512	2394	14775
072	0150	0758	30877	500	2412	14784
072	0180	0754	31239	453	2441	14792

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	29818	590	2330	14742	0000	00000	4584
0010	0748	29848	569	2333	14744	0046	00002	4559
0020	0751	29936	574	2340	14748	0091	00009	4498
0030	0752	29975	570	2342	14750	0136	00021	4471
0050	0754	30026	556	2346	14755	0226	00057	4438
0075	0764	30156	544	2355	14765	0336	00128	4357
0100	0764 B	30650	512	2394	14775	0441	00221	3991
0126	0762 B	3076 I	507 B	2403	14780	0540	00335	3906
0151	0758	30877	500	2412	14784	0637	00472	3820
0176	0755	31171	462	2436	14790	0731	00627	3599

C-REF-NO 001	YR 1968	DEPTH 168	WAVES 1 XX	AIR T	VIS 8
CONS. NO 057	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 57
LAT 48-439N	DAY 11	NO.DPTH 9	WND-DIR 190	WW-CODE 02	
LON 123-082W	HR 08.1	W-COLOR	WND-SPD 02	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1013.0	CLD-AMT 1	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
081	0000	0710 B	30011		2351	14729
081	0005	0747	29964		2342	14744
081	0010	0744	30003		2346	14744
081	0020	0743	30014		2347	14745
081	0030	0744	30015		2347	14748
081	0050	0750	30176		2358	14755
081	0075	0762	30539		2385	14769
081	0100	0755	31134		2433	14778
081	0140	0753	31515		2463	14788

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0710 B	30011		2351	14729	0000	00000	4390
0010	0744	30003		2346	14744	0044	00002	4438
0020	0743	30014		2347	14745	0089	00009	4430
0030	0744	30015		2347	14748	0133	00020	4431
0050	0750	30176		2358	14755	0221	00056	4320
0075	0762	30539		2385	14769	0327	00123	4068
0100	0755	31134		2433	14778	0423	00209	3618
0126	0753	3137 I		2452	14784	0512	00311	3443

C-REF-NO 001	YR 1968	DEPTH 326	WAVES 1 20X2	AIR T	VIS 8
CONS. NO 058	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 58
LAT 48-429N	DAY 11	NO.DPTH 12	WND-DIR 200	WW-CODE 02	
LON 123-142W	HR 09.0	W-COLOR	WND-SPD 03	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1014.0	CLD-AMT 3	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
090	0000	0720 B	29775		2331	14730
090	0005	0730	29822		2333	14735
090	0010	0727	29841		2335	14735
090	0020	0743	30256		2366	14749
090	0030	0744	30458		2381	14753
090	0050	0746	30895		2415	14763
090	0075	0752	30949		2419	14770
090	0100	0751	30989		2422	14774
090	0150	0749	31146		2435	14784
090	0200	0750	31324		2448	14795
090	0250	0753	31820		2487	14810
090	0300	0749	32105		2510	14821

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	29775		2331	14730	0000	00000	4578
0010	0727	29841		2335	14735	0046	00002	4538
0020	0743	30256		2366	14749	0090	00009	4249
0030	0744	30458		2381	14753	0132	00020	4101
0050	0746	30895		2415	14763	0211	00052	3779
0075	0752	30949		2419	14770	0306	00112	3749
0100	0751	30989		2422	14774	0399	00196	3721
0126	0750	31060		2428	14779	0492	00303	3670
0151	0749	31146		2435	14784	0584	00432	3608
0176	0749	3121 D		2440	14789	0674	00582	3561
0201	0750	31324		2448	14795	0762	00752	3483
0226	0752	3157 I		2468	14803	0848	00937	3303
0251	0753	31820		2487	14810	0929	01134	3124
0302	0749	32105		2510	14821	1081	01561	2914



C-REF-NO 001	YR 1968	DEPTH 216	WAVES 1 19X1	AIR T	VIS 8
CONS. NO 059	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 59
LAT 48-376N	DAY 11	NO.DPTH 10	WND-DIR 190	WW-CODE 03	
LON 123-147W	HR 10.0	W-COLOR	WND-SPD 04	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1015.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
100	0000	0720 B	30110	583	2357	14734
100	0005	0732	30131	572	2357	14740
100	0010	0730	30142	563	2358	14740
100	0020	0733	30179	573	2361	14744
100	0030	0732	30192	569	2362	14745
100	0050	0732	30253	566	2367	14749
100	0075	0743	30426	538	2379	14760
100	0100	0751	31223	491	2440	14777
100	0150	0749	31684	450	2477	14791
100	0190	0748	31936	437	2497	14800

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30110	583	2357	14734	0000	00000	4328
0010	0730	30142	563	2358	14740	0043	00002	4316
0020	0733	30179	573	2361	14744	0087	00009	4294
0030	0732	30192	569	2362	14745	0130	00020	4284
0050	0732	30253	566	2367	14749	0215	00055	4240
0075	0743	30426	538	2379	14760	0320	00122	4128
0100	0751	31223	491	2440	14777	0417	00207	3548
0126	0751	3145 I	464	2458	14785	0504	00307	3379
0151	0749	31684	450	2477	14791	0587	00424	3208
0176	0749	3186 C	439	2491	14797	0666	00555	3075



C-REF-NO 001	YR 1968	DEPTH 307	WAVES 1 21X2	AIR T	VIS 8
CONS. NO 060	MONTH 1	MXSAMPD 03	WAVES 2 XX	WET B	STN 60
LAT 48-339N	DAY 11	NO.DPTH 11	WND-DIR 210	WW-CODE 03	
LON 123-128W	HR 11.0	W-COLOR	WND-SPD 04	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1018.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
110	0000	0720 B	30083		2355	14734
110	0005	0727	30138		2359	14738
110	0010	0727	30334		2374	14742
110	0020	0732	30549		2390	14748
110	0030	0736	30660		2398	14753
110	0050	0738	30744		2405	14758
110	0075	0744	30850		2412	14766
110	0100	0747	30921		2417	14772
110	0150	0744	31128		2434	14782
110	0200	0746	31447		2459	14795
110	0270	0749	31952		2498	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30083		2355	14734	0000	00000	4348
0010	0727	30334		2374	14742	0043	00002	4168
0020	0732	30549		2390	14748	0084	00008	4016
0030	0736	30660		2398	14753	0124	00019	3939
0050	0738	30744		2405	14758	0202	00051	3881
0075	0744	30850		2412	14766	0299	00112	3812
0100	0747	30921		2417	14772	0394	00198	3766
0126	0746	31012		2425	14777	0488	00306	3701
0151	0744	31128		2434	14782	0580	00435	3615
0176	0745	31278		2446	14788	0669	00584	3506
0201	0746	31447		2459	14795	0756	00750	3386
0226	0747	31617		2472	14801	0840	00932	3263
0251	0748	31798		2486	14808	0920	01128	3133

C-REF-NO 001	YR 1968	DEPTH 256	WAVES 1 20X2	AIR T	VIS 7
CONS. NO 061	MONTH 1	MXSAMPD 02	WAVES 2 XX	WET B	STN 61
LAT 48-292N	DAY 11	NO.DPTH 11	WND-DIR 200	WW-CODE 71	
LON 123-094W	HR 12.1	W-COLOR	WND-SPD 05	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1018.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
121	0000	0700 B	30927		2424	14737
121	0005	0737	30929		2419	14753
121	0010	0736	30930		2419	14753
121	0019	0732	30933		2420	14753
121	0028	0733	30950		2421	14755
121	0047	0733	30960		2422	14758
121	0070	0742	31085		2431	14767
121	0094	0743	31220		2441	14773
121	0141	0739	31348		2452	14781
121	0188	0742	31651		2475	14794
121	0216	0746	31971		2500	14804

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30927		2424	14737	0000	00000	3692
0010	0736	30930		2419	14753	0037	00002	3734
0020	0732	30935		2420	14753	0075	00008	3728
0030	0733	30950		2421	14755	0112	00017	3718
0050	0734	30973		2423	14759	0187	00048	3706
0075	0743	31115		2433	14769	0279	00107	3614
0100	0743	3123 B		2443	14774	0368	00187	3525
0126	0740	3130 I		2448	14778	0456	00288	3475
0151	0739	31388		2455	14783	0543	00410	3415
0176	0741	3154 B		2467	14790	0628	00551	3303
0201	0743	31776		2485	14798	0708	00706	3137

C-REF-NO 001	YR 1968	DEPTH 150	WAVES 1 15X3	AIR T	VIS 7
CONS. NO 062	MONTH 1	MXSAMPD 01	WAVES 2 18X2	WET B	STN 62
LAT 48-229N	DAY 11	NO.DPTH 9	WND-DIR 150	WW-CODE	
LON 123-026W	HR 13.3	W-COLOR	WND-SPD 05	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1019.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
133	0000	0700 B	30593	614	2398	14733
133	0005	0727	30604	590	2395	14744
133	0010	0725		577		
133	0020	0735	30858	555	2414	14754
133	0029	0736	30976	539	2423	14757
133	0049	0738	31201	518	2440	14764
133	0074	0746	31330	497	2449	14773
133	0098	0746	31965	447	2499	14786
133	0128	0742	32444	390	2537	14795

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30593	614	2398	14733	0000	00000	3942
0010	0725	3068 I	577	2402	14746	0039	00002	3901
0020	0735	30858	555	2414	14753	0078	00008	3789
0030	0736	30989	538	2424	14757	0116	00018	3694
0050	0738	3120 B	517	2440	14764	0188	00047	3538
0075	0746	3135 B	495	2451	14773	0276	00103	3440
0101	0746	3200 B	443	2502	14786	0356	00174	2959
0126	0743	3240 B	396	2534	14794	0427	00255	2660

C-REF-NO 001	YR 1968	DEPTH 168	WAVES 1 14X2	AIR T	VIS 7
CONS. NO 063	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 63
LAT 48-145N	DAY 11	NO.DPTH 9	WND-DIR 140	WW-CODE 02	
LON 122-588W	HR 14.3	W-COLOR	WND-SPD 03	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
143	0000	0690 B		612		
143	0005	0735	30161	593	2359	14742
143	0010	0735	30172	587	2360	14743
143	0020	0740	30203	585	2362	14747
143	0030	0744	30662	558	2397	14756
143	0050	0740	31497	494	2463	14768
143	0075	0751	32025	443	2503	14784
143	0100	0750	32549	406	2544	14794
143	0150	0742	32753	377	2562	14802

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B		612					
0010	0735	30172	587	2360	14743	0043	00002	4300
0020	0740	30203	585	2362	14747	0086	00009	4284
0030	0744	30662	558	2397	14756	0127	00019	3949
0050	0740	31497	494	2463	14768	0200	00049	3322
0075	0751	32025	443	2503	14784	0279	00098	2946
0101	0750	32549	406	2544	14794	0348	00160	2557
0126	0748	3277 D	384	2562	14800	0411	00231	2390
0151	0742	32753	377	2562	14802	0471	00316	2402



C-REF-NO 001	YR 1968	DEPTH 108	WAVES 1 14X2	AIR T	VIS 7
CONS. NO 064	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 64
LAT 48-123N	DAY 11	NO.DPTH 8	WND-DIR 140	WW-CODE 02	
LON 123-059W	HR 15.0	W-COLOR	WND-SPD 04	CLD-TPE X	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1019.0	CLD-AMT 9	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
150	0000	0700 B	30363		2380	14730
150	0005	0731	30652		2398	14747
150	0010	0728	30922		2420	14750
150	0020	0726	31168		2439	14754
150	0030	0737	31431		2459	14763
150	0050	0738	31720		2481	14771
150	0075	0748	31978		2500	14782
150	0090	0748	32100		2509	14786

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30363		2380	14730	0000	00000	4114
0010	0728	30922		2420	14750	0039	00002	3731
0020	0726	31168		2439	14754	0076	00007	3545
0030	0737	31431		2459	14763	0111	00016	3365
0050	0738	31720		2481	14771	0176	00043	3153
0075	0748	31978		2500	14782	0253	00092	2977



C-REF-NO 001	YR 1968	DEPTH 132	WAVES 1 1222	AIR T	VIS 7
CONS. NO 065	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 65
LAT 48-158N	DAY 11	NO.DPTH 8	WND-DIR 130	WW-CODE 01	
LON 123-100W	HR 15.6	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1019.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
156	0000	0700 B	30321	600	2376	14729
156	0005	0741	30521	579	2387	14749
156	0010	0745	30745	541	2404	14754
156	0020	0744	31102	524	2432	14760
156	0030	0742	31250	521	2444	14763
156	0050	0743	31450	497	2459	14769
156	0075	0749	31805	454	2486	14780
156	0110	0745	32581	378	2548	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30321	600	2376	14729	0000	00000	4145
0010	0745	30745	541	2404	14754	0040	00002	3884
0020	0744	31102	524	2432	14760	0078	00008	3618
0030	0742	31250	521	2444	14763	0114	00017	3506
0050	0743	31450	497	2459	14769	0183	00045	3361
0075	0749	31805	454	2486	14780	0264	00097	3107
0101	0747	32327	402	2527	14790	0337	00162	2719

C-REF-NO 001	YR 1968	DEPTH 99	WAVES 1 1222	AIR T	VIS 7
CONS. NO 066	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 66
LAT 48-193N	DAY 11	NO.DPTH 7	WND-DIR 120	WW-CODE 02	
LON 123-141W	HR 16.2	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 7	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
162	0000	0700 B	30725		2408	14734
162	0005	0720	30659		2400	14742
162	0010	0717	30663		2401	14742
162	0020	0726	30713		2404	14748
162	0030	0728	30754		2407	14751
162	0050	0734	30919		2419	14759
162	0075	0743	32411		2535	14786

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30725		2408	14734	0000	00000	3843
0010	0717	30663		2401	14742	0039	00002	3910
0020	0726	30713		2404	14748	0078	00008	3886
0030	0728	30754		2407	14751	0117	00018	3859
0050	0734	30919		2419	14759	0193	00049	3745
0075	0743	32411		2535	14786	0274	00099	2649

C-REF-NO 001	YR 1968	DEPTH 113	WAVES 1 11X2	AIR T	VIS 7
CONS. NO 067	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 67
LAT 48-228N	DAY 11	NO.DPTH 8	WND-DIR 110	WW-CODE 01	
LON 123-180W	HR 16.8	W-COLOR	WND-SPD 05	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
168	0000	0700 B	30861		2419	14736
168	0005	0724	30830		2413	14746
168	0010	0720	30835		2414	14745
168	0020	0721	30900		2419	14748
168	0030	0725	31058		2431	14754
168	0050	0734	31659		2477	14768
168	0074	0742	31976		2501	14779
168	0099	0740	32213		2519	14786

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30861		2419	14736	0000	00000	3741
0010	0720	30835		2414	14745	0038	00002	3785
0020	0721	30900		2419	14748	0076	00008	3739
0030	0725	31058		2431	14754	0113	00017	3628
0050	0734	31659		2477	14768	0181	00045	3193
0075	0742	31988		2502	14780	0259	00094	2961
*0101	0740	32219		2520	14786	0331	00159	2789

C-REF-NO 001	YR 1968	DEPTH 139	WAVES 1 XX	AIR T	VIS 7
CONS. NO 068	MONTH 1	MXSAMPD 01	WAVES 2 XX	WET B	STN 68
LAT 48-122N	DAY 11	NO.DPTH 9	WND-DIR CALM	WW-CODE 02	
LON 123-431W	HR 18.5	W-COLOR	WND-SPD 00	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
185	0000	0700 B	31086		2436	14739
185	0005	0708	31059		2433	14743
185	0010	0710	31097		2436	14745
185	0020	0724	31327		2452	14755
185	0030	0717	31532		2469	14757
185	0050	0728	31710		2482	14767
185	0075	0750	31939		2497	14782
185	0100	0754	32566		2545	14796
185	0125	0737	33265		2602	14803

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	31086		2436	14739	0000	00000	3573
0010	0710	31097		2436	14745	0036	00002	3577
0020	0724	31327		2452	14755	0071	00007	3424
0030	0717	31532		2469	14757	0105	00016	3264
0050	0728	31710		2482	14767	0169	00042	3148
0075	0750	31939		2497	14782	0247	00091	3008
0101	0754	32566		2545	14796	0316	00153	2550
0126	0737	33265		2602	14803	0374	00219	2011



REF-NO 001	YR 1968	DEPTH 176	WAVES 1 06X2	AIR T	VIS 7
ONS. NO 069	MONTH 1	MXSAMPD 02	WAVES 2 2774	WET B	STN 69
AT 48-156N	DAY 11	NO.DPTH 9	WND-DIR 060	WW-CODE 02	
ON 123-431W	HR 19.1	W-COLOR	WND-SPD 03	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
191	0000	0720 B	30916	601	2420	14745
191	0005	0723	30884	588	2418	14746
191	0010	0720	30884	579	2418	14746
191	0020	0724	30998	567	2426	14751
191	0030	0733	31115	551	2434	14757
191	0050	0734	31370	526	2454	14764
191	0075	0751	31940	454	2497	14783
191	0100	0764	32576	413	2545	14800
191	0160	0728	33577	296	2628	14809

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30916	601	2420	14745	0000	00000	3725
0010	0720	30884	579	2418	14746	0038	00002	3749
0020	0724	30998	567	2426	14751	0075	00008	3670
0030	0733	31115	551	2434	14757	0111	00017	3595
0050	0734	31370	526	2454	14764	0182	00046	3409
0075	0751	31940	454	2497	14783	0262	00097	3008
0101	0764	32576	413	2545	14800	0332	00159	2557
0126	0760	3306 D	365	2584	14809	0392	00227	2188
0151	0740	3345 B	316	2617	14810	0443	00299	1879



C-REF-NO 001	YR 1968	DEPTH 150	WAVES 1 00X0	AIR T	VIS 7
CONS. NO 070	MONTH 1	MXSAMPD 01	WAVES 2 2774	WET B	STN 70
LAT 48-194N	DAY 11	NO.DPTH 9	WND-DIR CALM	WW-CODE 02	
LON 123-430W	HR 19.8	W-COLOR	WND-SPD 00	CLD-TPE 6	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 6	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
198	0000	0710 B	30934		2423	14741
198	0005	0718	30951		2423	14745
198	0010	0718	30991		2427	14747
198	0020	0720	31083		2434	14750
198	0030	0721	31130		2437	14753
198	0050	0727	31439		2461	14763
198	0075	0741	31743		2482	14776
198	0100	0740	32294		2526	14787
198	0130	0730	33230		2601	14800

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	30934		2423	14741	0000	00000	3699
0010	0718	30991		2427	14747	0037	00002	3666
0020	0720	31083		2434	14750	0074	00007	3601
0030	0721	31130		2437	14753	0110	00017	3569
0050	0727	31439		2461	14763	0179	00045	3349
0075	0741	31743		2482	14776	0261	00097	3143
0101	0740	32294		2526	14787	0335	00162	2735
0126	0732	33053		2586	14798	0396	00233	2162

C-REF-NO 001	YR 1968	DEPTH 154	WAVES 1 23X2	AIR T	VIS 7
CONS. NO 071	MONTH 1	MXSAMPD 01	WAVES 2 27X2	WET B	STN 71
LAT 48-221N	DAY 11	NO.DPTH 8	WND-DIR 230	WW-CODE 02	
LON 124-006W	HR 21.0	W-COLOR	WND-SPD 05	CLD-TPE 8	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
210	0000	0720 B	31341		2454	14750
210	0005	0714	31335		2454	14749
210	0010	0710	31340		2455	14748
210	0020	0710	31367		2457	14750
210	0030	0710	31377		2458	14752
210	0050	0726	31504		2466	14763
210	0075	0740	32261		2523	14783
210	0090	0743	32394		2533	14788

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	31341		2454	14750	0000	00000	3407
0010	0710	31340		2455	14748	0034	00002	3395
0020	0710	31367		2457	14750	0068	00007	3377
0030	0710	31377		2458	14752	0102	00016	3370
0050	0726	31504		2466	14763	0169	00043	3298
0075	0740	32261		2523	14783	0245	00091	2756

C-REF-NO 001	YR 1968	DEPTH 188	WAVES 1 20X3	AIR T	VIS 7
CONS. NO 072	MONTH 1	MXSAMPD 01	WAVES 2 27X2	WET B	STN 72
LAT 48-187N	DAY 11	NO.DPTH 9	WND-DIR 200	WW-CODE 60	
LON 124-038W	HR 21.8	W-COLOR	WND-SPD 05	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
218	0000	0720 B	31093	593	2434	14747
218	0005	0717	31091	582	2435	14747
218	0010	0714	31091	577	2435	14746
218	0020	0726	31182	548	2441	14754
218	0030	0738	31417	523	2457	14763
218	0049	0743	31659	502	2476	14772
218	0074	0757	31809	484	2485	14783
218	0099	0761	32629	405	2549	14799
218	0148	0719	33618	275	2633	14804

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	31093	593	2434	14747	0000	00000	3593
0010	0714	31091	577	2435	14746	0036	00002	3586
0020	0726	31182	548	2441	14754	0072	00007	3535
0030	0738	31417	523	2457	14763	0107	00016	3376
0050	0744	3166 B	502	2476	14772	0173	00043	3205
0075	0757	3183 B	481	2488	14784	0252	00094	3094
0101	0761	32653	402	2551	14800	0322	00156	2494
0126	0746	3315 I	336	2592	14805	0380	00222	2107
*0151	0716	3365 B	270	2636	14804	0428	00289	1700

C-REF-NO 001	YR 1968	DEPTH 165	WAVES 1 20X1	AIR T	VIS 7
CONS. NO 073	MONTH 1	MXSAMPD 01	WAVES 2 27X3	WET B	STN 73
LAT 48-151N	DAY 11	NO.DPTH 9	WND-DIR 200	WW-CODE 60	
LON 124-070W	HR 22.5	W-COLOR	WND-SPD 04	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
225	0000	0720 B	31220		2444	14749
225	0005	0716	31176		2441	14748
225	0010	0713	31256		2448	14748
225	0020	0712	31311		2452	14750
225	0030	0719	31327		2453	14755
225	0050	0744	31635		2474	14772
225	0075	0757	31911		2493	14785
225	0100	0754	32075		2507	14790
225	0140	0740	33157		2594	14805

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	31220		2444	14749	0000	00000	3497
0010	0713	31256		2448	14748	0035	00002	3462
0020	0712	31311		2452	14750	0070	00007	3420
0030	0719	31327		2453	14755	0104	00016	3419
0050	0744	31635		2474	14772	0171	00043	3224
0075	0757	31911		2493	14785	0249	00093	3039
0101	0754	32075		2507	14790	0324	00160	2917
0126	0747	3275 I		2561	14800	0391	00237	2406



C-REF-NO 001	YR 1968	DEPTH 192	WAVES 1 16X3	AIR T	VIS 7
CONS. NO 074	MONTH 1	MXSAMPD 02	WAVES 2 27X6	WET B	STN 74
LAT 48-251N	DAY 12	NO.DPTH 10	WND-DIR 160	WW-CODE 60	
LON 124-356W	HR 00.3	W-COLOR	WND-SPD 03	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
003	0000	0760 B	31072		2427	14763
003	0005	0775	31104		2428	14770
003	0010	0781	31209		2435	14774
003	0020	0770	31300		2444	14773
003	0030	0775	31333		2446	14777
003	0050	0785	31487		2456	14786
003	0075	0755	31634		2472	14780
003	0100	0750	32731		2559	14797
003	0150	0709	33679		2639	14801
003	0170	0704	33769		2647	14804

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0760 B	31072		2427	14763	0000	00000	3660
0010	0781	31209		2435	14774	0036	00002	3585
0020	0770	31300		2444	14773	0072	00007	3504
0030	0775	31333		2446	14777	0107	00016	3487
0050	0785	31487		2456	14786	0176	00045	3389
0075	0755	31634		2472	14780	0260	00098	3243
0101	0750	32731		2559	14797	0331	00160	2423
0126	0730 B	3320 I		2599	14799	0387	00224	2047
0151	0709	33679		2639	14801	0434	00290	1670



C-REF-NO 001	YR 1968	DEPTH 230	WAVES 1 15X3	AIR T	VIS 7
CONS. NO 075	MONTH 1	MXSAMPD 02	WAVES 2 27X6	WET B	STN 75
LAT 48-282N	DAY 12	NO.DPTH 10	WND-DIR 150	WW-CODE 02	
LON 124-328W	HR 01.1	W-COLOR	WND-SPD 05	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1020.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
011	0000	0750 B	31248	654	2442	14761
011	0005	0774	31201	660	2435	14771
011	0010	0772	31223	656	2437	14771
011	0020	0778	31355	650	2447	14777
011	0030	0791	31455	642	2453	14785
011	0050	0792	31545	634	2460	14789
011	0075	0800	31723	606	2473	14799
011	0100	0762	32155	454	2512	14794
011	0150	0733	33547	302	2625	14809
011	0210	0713	33765	257	2645	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	31248	654	2442	14761	0000	00000	3516
0010	0772	31223	656	2437	14771	0036	00002	3563
0020	0778	31355	650	2447	14777	0071	00007	3473
0030	0791	31455	642	2453	14785	0106	00016	3418
0050	0792	31545	634	2460	14789	0174	00044	3356
0075	0800	31723	606	2473	14799	0256	00097	3237
0101	0762	32155	454	2512	14794	0333	00165	2868
0126	0743	3285 I	359 B	2569	14800	0399	00240	2326
0151	0733	33547	302	2625	14809	0450	00312	1799
0176	0722	3363 I	263	2634	14810	0495	00386	1721
0201	0715	3382 D	253	2649	14814	0536	00465	1578

C-REF-NO 001	YR 1968	DEPTH 90	WAVES 1 17X3	AIR T	VIS 6
CONS. NO 076	MONTH 1	MXSAMPD 00	WAVES 2 27X6	WET B	STN 76
LAT 48-311N	DAY 12	NO.DPTH 6	WND-DIR 170	WW-CODE 69	
LON 124-300W	HR 01.9	W-COLOR	WND-SPD 05	CLD-TPE 7	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO 1021.0	CLD-AMT 8	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
019	0000	0670 B	30749		2414	14723
019	0005	0668	30730		2413	14723
019	0010	0692	31046		2434	14737
019	0020	0744	31549		2467	14766
019	0030	0742	31644		2475	14768
019	0050		31772			

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0670 B	30749		2414	14723	0000	00000	3738
0010	0692	31046		2434	14737	0037	00002	3592
0020	0744	31549		2467	14766	0072	00007	3284
0030	0742	31644		2475	14768	0104	00015	3212

OCEANOGRAPHIC DATA CRUISE 002/68

12 - 16 FEBRUARY 1968



C-REF-NO 002	YR 1968	DEPTH 256	WAVES 1	XX	AIR T	VIS
CONS. NO 001	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 001
LAT 49-204N	DAY 12	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-120W	HR 20.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
201	0000	0520 B	26918		2129	14611
201	0005	0636 B	27001		2124	14661
201	0010	0667	27502		2159	14681
201	0020	0681	28159		2209	14697
201	0030	0709	28351		2221	14712
201	0050	0732	28610		2238	14728
201	0075	0811	29235		2277	14771
201	0100	0861	30011		2330	14804
201	0150	0851 B	30542		2373	14815
201	0200	0876	30726		2384	14835
201	0240		30851			

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0520 B	26918		2129	14611	0000	00000	6509
0010	0667	27502		2159	14681	0064	00003	6221
0020	0681	28159		2209	14697	0124	00012	5743
0030	0709	28351		2221	14712	0181	00027	5634
0050	0732	28610		2238	14728	0292	00072	5469
0075	0811	29235		2277	14771	0425	00156	5106
0100	0861	30011		2330	14804	0547	00264	4600
0125	0863 D	3027 I		2351	14812	0660	00394	4408
0151	0851 B	30542		2373	14815	0768	00546	4196
0176	0861 B	3065 D		2380	14825	0872	00720	4130
0201	0876	30726		2384	14835	0976	00918	4104



C-REF-NO 002	YR 1968	DEPTH 278	WAVES 1	XX	AIR T	VIS
CONS. NO 002	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 002
LAT 49-241N	DAY 12	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-093W	HR 21.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
210	0000	0610 B	26637		2098	14645
210	0005	0595	26260		2070	14635
210	0010	0694	28202		2211	14701
210	0020	0702	28405		2226	14708
210	0030	0732	28602		2238	14724
210	0050	0777	29073		2269	14752
210	0075	0798	29737		2318	14772
210	0100	0816	30034		2338	14787
210	0150	0820 B	30300		2359	14800
210	0200	0864	30632		2378	14830
210	0260	0892	30874		2393	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0610 B	26637		2098	14645	0000	00000	6810
0010	0694	28202		2211	14701	0063	00003	5726
0020	0702	28405		2226	14708	0120	00012	5583
0030	0732	28602		2238	14724	0175	00026	5473
0050	0777	29073		2269	14752	0282	00069	5179
0075	0798	29737		2318	14772	0406	00148	4714
0100	0816	30034		2338	14787	0522	00251	4520
0125	0818 B	3016 I		2348	14794	0634	00380	4427
0151	0820 B	30300		2359	14800	0744	00535	4334
0176	0841 B	3046 C		2369	14815	0852	00714	4240
0201	0864	30632		2378	14830	0957	00916	4155
0226	0877	30748		2385	14840	1061	01141	4092
0251	0888	30843		2391	14850	1163	01390	4042

C-REF-NO 002	YR 1968	DEPTH 333	WAVES 1	XX	AIR T	VIS
CONS. NO 003	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 003
LAT 49-266N	DAY 12	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-202W	HR 22.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
221	0000	0660 B	27878	695	2190	14681
221	0005	0659	27878	698 B	2190	14682
221	0010	0678 B	28083	671	2204	14693
221	0020	0696	28342	646	2222	14705
221	0030	0725	28589	608	2237	14722
221	0050	0778	29072	545	2268	14752
221	0075	0842	29897	475	2324	14791
221	0100	0836	30208	458	2349	14797
221	0150	0836 B	30409	452	2365	14808
221	0200	0862	30621	382	2378	14829
221	0250		30833	323		
221	0300	0903	30976	275	2399	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
C000	0660 B	27878	695	2190	14681	0000	00000	5931
0010	0678 B	28083	671	2204	14693	0059	00003	5797
0020	0696	28342	646	2222	14705	0116	00012	5624
0030	0725	28589	608	2237	14722	0172	00026	5475
0050	0778	29072	545	2268	14752	0279	00069	5182
0075	0842	29897	475	2324	14791	0402	00147	4654
0100	0836	30208	458	2349	14797	0516	00249	4417
0125	0833	3030 I	457 B	2357	14802	0626	00375	4342
0151	0836 B	30409	452	2365	14808	0734	00528	4274
0176	0848	30514	420	2371	14818	0841	00705	4216
0201	0862	30621	382	2378	14829	0946	00907	4160
0226	0872	30731	351	2385	14838	1050	01132	4098
0251	0882	30833	323	2391	14847	1152	01381	4041
0301	0903	30976	275	2399	14865	1354	01948	3972

C-REF-NO 002	YR 1968	DEPTH 340	WAVES 1	XX	AIR T	VIS
CONS. NO 004	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 004
LAT 49-243N	DAY 12	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-220W	HR 22.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
229	0000	0690 B	27937		2191	14694
229	0005	0655	27931		2194	14681
229	0010	0673	28173		2211	14692
229	0020	0680	28273		2218	14698
229	0030	0688	28321		2221	14703
229	0050	0734	28692		2244	14730
229	0075	0845	29691		2307	14790
229	0100	0864	30133		2339	14807
229	0150	0849 B	30513		2371	14814
229	0200	0873	30745		2386	14835
229	0250	0901	30900		2393	14855
229	0300	0905	31006		2401	14866
229	0320	0907	31036		2403	14871

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	27937		2191	14694	0000	00000	5921
0010	0673	28173		2211	14692	0058	00003	5723
0020	0680	28273		2218	14698	0115	00012	5657
0030	0688	28321		2221	14703	0172	00026	5632
0050	0734	28692		2244	14730	0283	00071	5410
0075	0845	29691		2307	14790	0411	00152	4812
0100	0864	30133		2339	14807	0528	00256	4513
0125	0858 C	3032 I		2355	14811	0640	00385	4367
0151	0849 B	30513		2371	14814	0747	00536	4216
0176	0858	30643		2380	14824	0852	00710	4136
0201	0873	30745		2386	14835	0956	00908	4085
0226	0888	30830		2390	14846	1058	01131	4047
0251	0901	30900		2393	14855	1159	01377	4018
0301	0905	31006		2401	14866	1360	01941	3953



C-REF-NO 002	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 005	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 005
LAT 49-274N	DAY 13	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-306W	HR 00.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
001	0000	0670 B	27481		2157	14680
001	0005	0657	27917		2193	14681
001	0010	0671	28105		2206	14690
001	0020	0696	28284		2217	14704
001	0030	0730	28539		2233	14723
001	0050		28776			
001	0075	0791	29093		2268	14765
001	0100	0877	30094		2334	14815
001	0150	0866 B	30587		2374	14825
001	0200	0883	30768		2386	14842
001	0250	0901	30922		2395	14859
001	0300	0903	30985		2400	14869

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	27481		2157	14680	0000	00000	6240
0010	0671	28105		2206	14690	0060	00003	5773
0020	0696	28284		2217	14704	0118	00012	5667
0030	0730	28539		2233	14723	0174	00026	5518
0050	0757 I	28776		2248	14740	0283	00071	5376
0075	0791	29093		2268	14761	0415	00155	5186
0100	0877	30094		2334	14811	0538	00263	4561
0125	0871 I	3034 I		2354	14817	0650	00392	4372
0151	0866 B	30587		2374	14822	0757	00543	4185
0176	0873	3069 D		2382	14830	0862	00716	4115
0201	0883	30768		2386	14839	0965	00914	4082
0226	0893	30852		2391	14848	1067	01136	4037
0251	0901	30922		2395	14856	1168	01381	4002
0301	0903	30985		2400	14865	1368	01945	3966

C-REF-NO 002	YR 1968	DEPTH 190	WAVES 1	XX	AIR T	VIS
CONS. NO 006	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 006
LAT 49-306N	DAY 13	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-277W	HR 01.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
010	0000	0680 B	27772	703	2179	14688
010	0005	0647	27901	695 B	2193	14677
010	0010	0667	28080	685 B	2205	14688
010	0020	0679	28232	660 B	2215	14697
010	0030	0709	28461	628	2229	14713
010	0050	0755	28844	582 B	2254	14740
010	0075	0870	29973	422	2326	14803
010	0100	0854	30259	445	2350	14805

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	27772	703	2179	14688	0000	00000	6033
0010	0667	28080	685 B	2205	14688	0059	00003	5786
0020	0679	28232	660 B	2215	14697	0117	00012	5686
0030	0709	28461	628	2229	14713	0173	00026	5552
0050	0755	28844	582 B	2254	14740	0282	00070	5323
0075	0870	29973	422	2326	14803	0407	00149	4637
0100	0854	30259	445	2350	14805	0521	00250	4405



C-REF-NO 002	YR 1968	DEPTH 351	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 007
LAT 49-344N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-242W	HR 02.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
020	0000	0530 B	28014		2215	14630
020	0005	0645	28066		2206	14679
020	0010	0689	28247		2215	14699
020	0020	0702	28406		2226	14708
020	0030	0715	28536		2235	14717
020	0050	0792	29112		2270	14758
020	0075	0851	29947		2327	14796
020	0100	0873	30210		2344	14811
020	0150	0853	30445		2365	14815
020	0200	0873	30572		2372	14832
020	0250	0886	30664		2377	14847
020	0300	0895	30729		2381	14859
020	0330	0900	30740		2381	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0530 B	28014		2215	14630	0000	00000	5691
0010	0689	28247		2215	14699	0057	00003	5687
0020	0702	28406		2226	14708	0114	00012	5583
0030	0715	28536		2235	14717	0169	00026	5502
0050	0792	29112		2270	14758	0276	00069	5170
0075	0851	29947		2327	14796	0399	00147	4629
0100	0873	30210		2344	14811	0513	00249	4468
0125	0866 C	3035 D		2356	14815	0624	00376	4351
0151	0853	30445		2365	14815	0732	00528	4272
0176	0861	30517		2370	14823	0839	00706	4233
0201	0873	30572		2372	14832	0945	00910	4212
0226	0880	30622		2375	14840	1051	01139	4191
0251	0886	30664		2377	14847	1156	01395	4170
0301	0895	30729		2381	14859	1365	01983	4143

C-REF-NO 002	YR 1968	DEPTH 347	WAVES 1	XX	AIR T	VIS
CONS. NO 008	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 008
LAT 49-394N	DAY 13	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-320W	HR 03.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
032	0000	0660 B	27555		2164	14677
032	0005	0641	27704		2178	14672
032	0010	0668	28028		2200	14688
032	0020	0691	28324		2221	14703
032	0030	0723	28587		2238	14721
032	0050	0765	28979		2263	14746
032	0075	0846	29744		2311	14791
032	0100	0868	30207		2344	14809
032	0150	0853 B	30437		2364	14815
032	0200	0863	30550		2372	14828
032	0250	0885	30675		2378	14846
032	0325	0912	30797		2384	14870

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	27555		2164	14677	0000	00000	6174
0010	0668	28028		2200	14688	0060	00003	5826
0020	0691	28324		2221	14703	0118	00012	5631
0030	0723	28587		2238	14721	0173	00026	5474
0050	0765	28979		2263	14746	0281	00070	5235
0075	0846	29744		2311	14791	0406	00149	4774
0100	0868	30207		2344	14809	0522	00252	4463
0125	0864 C	3032 I		2354	14813	0633	00380	4375
0151	0853 B	30437		2364	14815	0742	00533	4278
0176	0856	3050 B		2369	14821	0849	00711	4238
0201	0863	30550		2372	14828	0955	00914	4215
0226	0873	30614		2375	14837	1061	01144	4186
0251	0885	30675		2378	14846	1166	01399	4161
0301	0903	30763		2382	14863	1374	01986	4130

C-REF-NO 002	YR 1968	DEPTH 170	WAVES 1	XX	AIR T	VIS
CONS. NO 009	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 009
LAT 49-355N	DAY 13	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-384W	HR 04.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
041	0000	0670 B	27518	686	2160	14681
041	0005	0654	27597	680	2168	14676
041	0010	0659	27792	678	2183	14681
041	0020	0691	28220	662	2213	14702
041	0030	0701	28455	626	2230	14710
041	0050	0730	28648	594 B	2241	14728
041	0075	0800	29243	493 B	2279	14767
041	0100	0880	30161	405	2339	14813
041	0150	0893 B	30613	350 B	2372	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	27518	686	2160	14681	0000	00000	6212
0010	0659	27792	678	2183	14681	0061	00003	5994
0020	0691	28220	662	2213	14702	0120	00012	5709
0030	0701	28455	626	2230	14710	0176	00026	5546
0050	0730	28648	594 B	2241	14728	0286	00071	5438
0075	0800	29243	493 B	2279	14767	0418	00155	5085
0100	0880	30161	405	2339	14813	0539	00262	4514
0125	0907 B	3038 I	359	2353	14831	0651	00390	4390
0151	0893 B	30613	350 B	2372	14832	0759	00542	4205



C-REF-NO 002	YR 1968	DEPTH 106	WAVES 1	XX	AIR T	VIS
CONS. NO 010	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 010
LAT 49-408N	DAY 13	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-473W	HR 05.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
052	0000	0620 B	26939		2120	14653
052	0005	0661	27538		2163	14678
052	0010	0675	27977		2196	14690
052	0020	0684	28282		2218	14700
052	0030	0712	28494		2232	14715
052	0050	0741	28779		2250	14734
052	0075	0860	29889		2321	14798

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	26939		2120	14653	0000	00000	6593
0010	0675	27977		2196	14690	0062	00003	5873
0020	0684	28282		2218	14700	0120	00012	5655
0030	0712	28494		2232	14715	0176	00026	5530
0050	0741	28779		2250	14734	0286	00071	5354
0075	0860	29889		2321	14798	0412	00150	4686

C-REF-NO 002	YR 1968	DEPTH 302	WAVES 1	XX	AIR T	VIS
CONS. NO 011	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 011
LAT 49-425N	DAY 13	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-433W	HR 05.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
059	0000	0640 B	27229		2141	14665
059	0005	0672	27991		2197	14688
059	0010	0688	28207		2212	14699
059	0020	0686	28337		2223	14701
059	0030	0719	28530		2234	14718
059	0050	0750	28859		2255	14738
059	0075	0868	29967		2326	14802
059	0100	0887	30269		2346	14817
059	0150	0897 B	30649		2375	14834
059	0200	0905	30735		2380	14847
059	0250	0911	30765		2381	14857
059	0285	0910	30778		2383	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0640 B	27229		2141	14665	0000	00000	6397
0010	0688	28207		2212	14699	0061	00003	5715
0020	0686	28337		2223	14701	0118	00012	5616
0030	0719	28530		2234	14718	0173	00026	5511
0050	0750	28859		2255	14738	0282	00070	5306
0075	0868	29967		2326	14802	0407	00149	4639
0100	0887	30269		2346	14817	0521	00250	4444
0125	0894	30496		2363	14827	0630	00376	4290
0151	0897 B	30649		2375	14834	0737	00526	4184
0176	0901	3071 C		2379	14841	0841	00700	4145
0201	0905	30735		2380	14847	0945	00900	4138
0226	0909	30754		2381	14852	1049	01126	4133
0251	0911	30765		2381	14857	1153	01378	4133



C-REF-NO 002	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 012	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 012
LAT 49-436N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-407W	HR 06.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
069	0000	0580 B	26909	700 B	2122	14636
069	0005	0678	27930	637 B	2192	14690
069	0010	0686	28145	636 B	2207	14697
069	0020	0700	28383	651	2224	14707
069	0030	0722	28564	606 B	2236	14720
069	0050	0746	28803	575 B	2251	14736
069	0075	0863	29896	428 B	2321	14799
069	0100	0877	30239	404	2346	14813
069	0150	0862 B	30462	410	2365	14819
069	0200	0907	30684	323 B	2376	14847
069	0250	0902	30734	324	2380	14854
069	0300	0912	30788	293 B	2383	14866
069	0340	0916	30809	280 B	2384	14875

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0580 B	26909	700 B	2122	14636	0000	00000	6575
0010	0686	28145	636 B	2207	14697	0062	00003	5760
0020	0700	28383	651	2224	14707	0119	00012	5597
0030	0722	28564	606 B	2236	14720	0174	00026	5490
0050	0746	28803	575 B	2251	14736	0283	00070	5342
0075	0863	29896	428 B	2321	14799	0409	00149	4684
0100	0877	30239	404	2346	14813	0524	00252	4452
0125	0869 C	3035 I	408 B	2355	14816	0634	00379	4362
0151	0862 B	30462	410	2365	14819	0743	00531	4271
0176	0884 C	3058 C	367 C	2371	14833	0849	00709	4216
0201	0907	30684	323 B	2376	14847	0955	00911	4180
0226	0907 B	3071 C	320 B	2379	14851	1060	01139	4157
0251	0902	30734	324	2380	14854	1164	01392	4142
0301	0912	30788	293 B	2383	14866	1372	01978	4125

C-REF-NO 002	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 013	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 013
LAT 49-553N	DAY 13	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-553W	HR 08.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
086	0000	0630 B	27406		2156	14663
086	0005	0628	27426		2158	14663
086	0010	0662	27758		2180	14682
086	0020	0706	28435		2228	14710
086	0030	0729	28647		2241	14724
086	0050	0750	28946		2262	14739
086	0075	0879	30080		2333	14808
086	0099	0891	30268		2346	14819
086	0149	0901 B	30538		2365	14834
086	0199	0910	30632		2371	14847
086	0224	0911	30663		2373	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0630 B	27406		2156	14663	0000	00000	6252
0010	0662	27758		2180	14682	0062	00003	6023
0020	0706	28435		2228	14710	0120	00012	5565
0030	0729	28647		2241	14724	0175	00026	5436
0050	0750	28946		2262	14739	0282	00070	5240
0075	0879	30080		2333	14808	0405	00147	4570
0100	0891	30275		2346	14819	0518	00248	4447
0125	0898	30430		2357	14828	0629	00375	4343
0151	0901 B	30541		2365	14834	0737	00527	4270
0176	0906	3060 B		2369	14841	0844	00705	4236
0201	0910	30634		2371	14847	0950	00909	4221
*0226	0911	30664		2374	14852	1056	01139	4204

C-REF-NO 002	YR 1968	DEPTH 316	WAVES 1	XX	AIR T	VIS
CONS. NO 014	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 014
LAT 49-529N	DAY 13	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-594W	HR 09.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
095	0000	0620 B	27534	695 B	2167	14661
095	0005	0670	28000	667 B	2198	14688
095	0010	0689	28277	640 B	2217	14700
095	0020	0710	28456	650 B	2229	14712
095	0030	0728	28639	600 B	2241	14723
095	0050	0756	28902	538 B	2258	14741
095	0075	0868	29946	421 B	2324	14802
095	0100	0898	30374	371 B	2353	14823
095	0150	0897	30562	358 B	2368	14833
095	0200	0909	30686	322 B	2376	14847
095	0250	0913	30723	314 B	2378	14858
095	0300	0914	30769	294 B	2381	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	27534	695 B	2167	14661	0000	00000	6145
0010	0689	28277	640 B	2217	14700	0059	00003	5664
0020	0710	28456	650 B	2229	14712	0115	00011	5555
0030	0728	28639	600 B	2241	14723	0171	00026	5440
0050	0756	28902	538 B	2258	14741	0278	00069	5280
0075	0868	29946	421 B	2324	14802	0403	00148	4654
0100	0898	30374	371 B	2353	14823	0516	00249	4382
0125	0902 B	3046 I	359 C	2360	14830	0626	00375	4322
0151	0897	30562	358 B	2368	14833	0733	00526	4248
0176	0903	30633	340 B	2372	14840	0839	00703	4207
0201	0909	30686	322 B	2376	14847	0945	00905	4182
0226	0912	3070 B	317 B	2377	14853	1050	01133	4172
0251	0913	30723	314 B	2378	14858	1155	01388	4167
0301	0914	30769	294 B	2381	14867	1364	01976	4142



C-REF-NO 002	YR 1968	DEPTH 113	WAVES 1	XX	AIR T	VIS
CONS. NO 015	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 015
LAT 49-516N	DAY 13	NO.DPTH 8	WND-DIR		WW-CODE	
LON 125-016W	HR 10.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
102	0000	0610 B	27864		2194	14661
102	0005	0621	27591		2172	14663
102	0010	0679	28009		2198	14692
102	0020	0697	28401		2226	14706
102	0030	0742	28730		2246	14730
102	0050	0777	29060		2268	14751
102	0075	0855	29839		2318	14796
102	0100	0896	30368		2353	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0610 B	27864		2194	14661	0000	00000	5886
0010	0679	28009		2198	14692	0059	00003	5854
0020	0697	28401		2226	14706	0116	00012	5580
0030	0742	28730		2246	14730	0171	00026	5390
0050	0777	29060		2268	14751	0277	00069	5189
0075	0855	29839		2318	14796	0402	00148	4715
0100	0896	30368		2353	14822	0516	00249	4384

C-REF-NO 002	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 016	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 016
LAT 49-572N	DAY 13	NO.DPTH 9	WND-DIR		WW-CODE	
LON 125-074W	HR 11.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
112	0000	0750 B	28978	531 B	2265	14732
112	0005	0791	29232	496 B	2279	14752
112	0009	0789	29238	486 B	2280	14752
112	0018	0785	29235	488 B	2280	14752
112	0027	0784	29180	489 B	2276	14752
112	0045	0789	29273	483 B	2283	14758
112	0068	0799	29340	475 B	2286	14766
112	0090	0830	29618	440 B	2304	14786
112	0113	0888 C	30065	405 B	2330	14817

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	28978	531 B	2265	14732	0000	00000	5212
0010	0788	29239	485 B	2280	14752	0052	00003	5065
0020	0785	29222	488 B	2279	14752	0102	00010	5075
0030	0784	2918 C	488 B	2276	14753	0154	00023	5102
0050	0790	2928 C	483 B	2283	14759	0255	00065	5041
0075	0806	29409	465 B	2291	14771	0381	00145	4970
0100	0852	29791	425 B	2314	14798	0503	00254	4749



C-REF-NO 002	YR 1968	DEPTH 272	WAVES 1	XX	AIR T	VIS
CONS. NO 017	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 017
LAT 49-588N	DAY 13	NO.DPTH 11	WND-DIR		WW-CODE	
LON 125-043W	HR 11.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
118	0000	0600 B	27418		2160	14651
118	0005	0618	27420		2158	14659
118	0010	0649	27740		2180	14677
118	0020	0706	28356		2222	14709
118	0030	0723	28592		2238	14721
118	0050	0759	29000		2265	14744
118	0075	0828	29594		2302	14782
118	0100	0882	30129		2336	14814
118	0150	0905 B	30559		2366	14836
118	0200	0907	30650		2373	14846
118	0250	0914	30726		2378	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0600 B	27418		2160	14651	0000	00000	6211
0010	0649	27740		2180	14677	0061	00003	6022
0020	0706	28356		2222	14709	0120	00012	5625
0030	0723	28592		2238	14721	0175	00026	5469
0050	0759	29000		2265	14744	0282	00070	5211
0075	0828	29594		2302	14782	0409	00150	4861
0100	0882	30129		2336	14814	0527	00255	4541
0125	0902 B	3034 I		2350	14828	0639	00384	4414
0151	0905 B	30559		2366	14836	0748	00537	4262
0176	0907	3060 I		2370	14842	0855	00715	4235
0201	0907	30650		2373	14846	0961	00918	4205
0226	0910	3069 B		2376	14852	1066	01147	4179
0251	0914	30726		2378	14858	1171	01402	4167

C-REF-NO 002	YR 1968	DEPTH 154	WAVES 1	XX	AIR T	VIS
CONS. NO 018	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 018
LAT 49-592N	DAY 13	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-589W	HR 12.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
127	0000	0650 B	27724		2179	14675
127	0005	0683	28039		2200	14694
127	0010	0696 B	28149		2207	14701
127	0020	0708	28421		2226	14711
127	0030	0741	28791		2251	14730
127	0050	0757	29037		2268	14743
127	0075	0865	29923		2323	14801
127	0100	0893	30292		2347	14820
127	0150	0905 B	30510		2362	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0650 B	27724		2179	14675	0000	00000	6035
0010	0696 B	28149		2207	14701	0059	00003	5768
0020	0708	28421		2226	14711	0116	00012	5579
0030	0741	28791		2251	14730	0171	00026	5343
0050	0757	29037		2268	14743	0276	00069	5181
0075	0865	29923		2323	14801	0400	00147	4667
0100	0893	30292		2347	14820	0514	00249	4436
0125	0910 B	3040 I		2353	14832	0625	00376	4382
0151	0905 B	30510		2362	14836	0734	00529	4298

C-REF-NO 002	YR 1968	DEPTH 271	WAVES 1	XX	AIR T	VIS
CONS. NO 019	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 019
LAT 50-012N	DAY 13	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-528W	HR 13.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
135	0000	0620 B	27238	645 B	2144	14657
135	0005	0635	27417		2156	14666
135	0010	0651	27556	611 B	2165	14675
135	0020	0708	28307	540 B	2217	14709
135	0030	0735	28625	510 B	2239	14726
135	0050	0766	28984	435 B	2263	14746
135	0075	0865	29992	400 B	2328	14801
135	0100	0880	30191	354 B	2341	14814
135	0150	0882	30454	270 B	2362	14826
135	0200	0875	30571	263 B	2372	14833
135	0250	0874	30563	243 B	2371	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	27238	645 B	2144	14657	0000	00000	6368
0010	0651	27556	611 B	2165	14675	0063	00003	6163
0020	0708	28307	540 B	2217	14709	0122	00012	5664
0030	0735	28625	510 B	2239	14726	0178	00026	5459
0050	0766	28984	435 B	2263	14746	0285	00070	5232
0075	0865	29992	400 B	2328	14801	0409	00148	4616
0100	0880	30191	354 B	2341	14814	0523	00250	4492
0125	0884	30343	307 B	2353	14821	0635	00378	4389
0151	0882	30454	270 B	2362	14826	0744	00532	4307
0176	0879	30529	262 B	2368	14830	0851	00710	4249
0201	0875	30571	263 B	2372	14833	0958	00914	4216
0226	0874	30583	253 B	2373	14837	1064	01145	4210
0251	0874	30563	243 B	2371	14841	1170	01403	4227



C-REF-NO 002	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 020	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 020
LAT 49-472N	DAY 13	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-323W	HR 15.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
156	0000	0610 B	26451	668 B	2083	14642
156	0005	0624	26376		2076	14648
156	0010	0664	27628		2170	14681
156	0020	0729	28550	565 B	2234	14721
156	0030	0750	28804	538 B	2251	14734
156	0050	0841	29864	485 B	2321	14787
156	0075	0844	30011	475 B	2333	14794
156	0099	0844	30173	465 B	2345	14800
156	0149	0880 B	30458	410 B	2362	14825
156	0199	0898	30636	346 B	2373	14842
156	0249	0902	30873	264 B	2391	14855
156	0298	0899	30972	230 B	2399	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0610 B	26451	668 B	2083	14642	0000	00000	6951
0010	0664	27628	610 B	2170	14681	0065	00003	6122
0020	0729	28550	565 B	2234	14721	0124	00012	5508
0030	0750	28804	538 B	2251	14734	0178	00026	5345
0050	0841	29864	485 B	2321	14787	0279	00066	4674
0075	0844	30011	475 B	2333	14794	0395	00140	4572
0100	0845	30180	464 B	2346	14800	0508	00241	4450
0125	0861 B	30332	440 B	2355	14812	0619	00369	4363
0151	0881 B	30462	409 B	2362	14826	0728	00522	4298
0176	0891	3055 B	378 B	2368	14835	0835	00700	4250
0201	0898	30641	344 B	2374	14843	0941	00904	4198
0226	0901	3076 C	302 B	2383	14850	1046	01131	4116
0251	0902	30876	263 B	2391	14855	1148	01380	4037
*0301	0899	30974	229 B	2400	14864	1349	01946	3968

C-REF-NO 002	YR 1968	DEPTH 342	WAVES 1	XX	AIR T	VIS
CONS. NO 021	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 021
LAT 49-438N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-220W	HR 16.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
168	0000	0350 B	22737		1813	14483
168	0005	0561	25604		2022	14612
168	0010	0642	27262		2143	14668
168	0020	0687	28228		2214	14700
168	0030	0725	28615		2239	14722
168	0050	0783	29139		2273	14755
168	0075	0826	29961		2331	14786
168	0100	0829	30132		2344	14794
168	0150	0899 B	30480		2361	14833
168	0200	0897	30623		2372	14842
168	0250	0902	30999		2401	14857
168	0300	0896	30951		2398	14862
168	0320	0902	30844		2389	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0350 B	22737		1813	14483	0000	00000	9554
0010	0642	27262		2143	14668	0080	00003	6373
0020	0687	28228		2214	14700	0140	00012	5699
0030	0725	28615		2239	14722	0196	00027	5454
0050	0783	29139		2273	14755	0302	00070	5138
0075	0826	29961		2331	14786	0424	00147	4585
0100	0829	30132		2344	14794	0538	00248	4465
0125	0863 D	3031 C		2354	14813	0649	00376	4377
0151	0899 B	30480		2361	14833	0758	00529	4313
0176	0902 B	3055 I		2366	14839	0866	00708	4268
0201	0897	30623		2372	14842	0972	00913	4210
0226	0900	3081 I		2387	14850	1077	01139	4078
0251	0902	30999		2401	14857	1178	01384	3947
0301	0896	30951		2398	14862	1377	01946	3980



C-REF-NO 002	YR 1968	DEPTH 360	WAVES 1	XX	AIR T	VIS
CONS. NO 022	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 022
LAT 49-403N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-163W	HR 17.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
179	0000	0610 B	25651		2020	14632
179	0005	0669	27783		2181	14685
179	0010	0690	28249		2215	14700
179	0020	0699	28373		2224	14707
179	0030	0724	28584		2237	14721
179	0050	0782	29173		2276	14755
179	0075	0803	29942		2333	14777
179	0100	0829	30084		2340	14793
179	0150	0862	30395		2360	14818
179	0200	0881	30587		2372	14836
179	0250	0900	30792		2385	14854
179	0300	0898	30911		2395	14863
179	0350	0902	30989		2400	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0610 B	25651		2020	14632	0000	00000	7554
0010	0690	28249		2215	14700	0066	00003	5686
0020	0699	28373		2224	14707	0123	00012	5604
0030	0724	28584		2237	14721	0179	00026	5477
0050	0782	29173		2276	14755	0285	00069	5111
0075	0803	29942		2333	14777	0406	00146	4568
0100	0829	30084		2340	14793	0520	00247	4500
0125	0848	3024 B		2350	14806	0632	00376	4411
0151	0862	30395		2360	14818	0742	00530	4321
0176	0872	3049 B		2366	14827	0849	00709	4264
0201	0881	30587		2372	14836	0956	00914	4214
0226	0892	3069 B		2379	14845	1061	01142	4154
0251	0900	30792		2385	14854	1165	01394	4097
0301	0898	30911		2395	14863	1369	01968	4013

C-REF-NO 002	YR 1968	DEPTH 358	WAVES 1	XX	AIR T	VIS
CONS. NO 023	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 023
LAT 49-352N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-097W	HR 18.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
188	0000	0580 B	25255		1992	14615
188	0005	0614	26634		2097	14647
188	0010	0678	27353		2146	14683
188	0020	0690	28151		2207	14700
188	0030	0732	28670		2243	14725
188	0050	0814	29552		2301	14772
188	0075	0827	29972		2332	14787
188	0100	0819	30165		2348	14790
188	0150	0851 B	30413		2363	14814
188	0200	0891	30613		2373	14840
188	0250	0897	30879		2392	14854
188	0300	0900	30966		2399	14864
188	0340	0902	30984		2400	14872

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0580 B	25255		1992	14615	0000	00000	7824
0010	0678	27353		2146	14683	0071	00003	6346
0020	0690	28151		2207	14700	0132	00012	5760
0030	0732	28670		2243	14725	0188	00027	5421
0050	0814	29552		2301	14772	0291	00068	4871
0075	0827	29972		2332	14787	0410	00144	4578
0100	0819	30165		2348	14790	0523	00245	4427
0125	0830 B	3030 B		2357	14800	0633	00371	4342
0151	0851 B	30413		2363	14814	0741	00524	4293
0176	0873 B	3051 B		2367	14827	0849	00702	4254
0201	0891	30613		2373	14840	0955	00906	4209
0226	0896	3075 C		2383	14848	1059	01133	4117
0251	0897	30879		2392	14854	1162	01382	4028
0301	0900	30966		2399	14864	1363	01949	3976

C-REF-NO 002	YR 1968	DEPTH 432	WAVES 1	XX	AIR T	VIS
CONS. NO 024	MONTH 2	MXSAMPD 04	WAVES 2	XX	WET B	STN 024
LAT 49-303N	DAY 13	NO.DPTH 13	WND-OIR		WW-CODE	
LON 124-060W	HR 19.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
199	0000	0570 B	25406	711 B	2005	14612
199	0005	0654	27272	685 B	2143	14672
199	0010	0679	28013	641 B	2198	14692
199	0020	0692	28337	641 B	2222	14703
199	0030	0727	28658	598 B	2243	14723
199	0050	0783	29157	550 B	2274	14755
199	0075	0828	29754	505 B	2315	14784
199	0100	0819	30101	490 B	2343	14789
199	0150	0848 B	30352	440 B	2359	14812
199	0200	0840	30465	435 B	2369	14818
199	0250	0893 B	30812	300 B	2388	14851
199	0300	0896	30923	275	2396	14862
199	0400	0906	31036	254	2403	14884

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0570 B	25406	711 B	2005	14612	0000	00000	7700
0010	0679	28013	641 B	2198	14692	0068	00003	5850
0020	0692	28337	641 B	2222	14703	0125	00012	5622
0030	0727	28658	598 B	2243	14723	0181	00026	5429
0050	0783	29157	550 B	2274	14755	0287	00069	5129
0075	0828	29754	505 B	2315	14784	0410	00147	4742
0100	0819	30101	490 B	2343	14789	0526	00250	4474
0125	0832 B	3022 I	464 B	2351	14800	0638	00379	4402
0151	0848 B	30352	440 B	2359	14812	0747	00533	4334
0176	0842 B	3040 I	443 C	2364	14814	0856	00713	4287
0201	0840	30465	435 B	2369	14818	0963	00918	4249
0226	0866 C	3063 I	369 D	2378	14835	1068	01148	4150
0251	0893 B	30812	300 B	2388	14851	1172	01399	4071
0301	0896	30923	275	2396	14862	1375	01970	4001
0402	0906	31036	254	2403	14884	1775	03402	3947



C-REF-NO 002	YR 1968	DEPTH 316	WAVES 1	XX	AIR T	VIS
CONS. NO 025	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 025
LAT 49-276N	DAY 13	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-076W	HR 20.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
209	0000	0610 B	25650		2020	14632
209	0005	0658	27481		2159	14676
209	0010	0685	27927		2190	14694
209	0020	0713	28293		2216	14711
209	0030	0726	28610		2239	14722
209	0050	0765	28945		2260	14745
209	0075	0826	29967		2332	14786
209	0100	0822	30112		2344	14791
209	0150	0833 B	30352		2361	14806
209	0200	0856	30521		2371	14825
209	0250	0882	30728		2383	14846
209	0300	0899	30946		2397	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0610 B	25650		2020	14632	0000	00000	7555
0010	0685	27927		2190	14694	0068	00003	5923
0020	0713	28293		2216	14711	0126	00012	5681
0030	0726	28610		2239	14722	0182	00026	5461
0050	0765	28945		2260	14745	0289	00070	5261
0075	0826	29967		2332	14786	0413	00148	4580
0100	0822	30112		2344	14791	0526	00249	4470
0125	0825	30241		2353	14798	0637	00377	4382
0151	0833 B	30352		2361	14806	0747	00530	4312
0176	0844	3043 B		2366	14815	0854	00710	4266
0201	0856	30521		2371	14825	0961	00914	4226
0226	0869	30621		2376	14836	1067	01144	4174
0251	0882	30728		2383	14846	1171	01397	4118
0301	0899	30946		2397	14863	1375	01970	3988

C-REF-NO 002	YR 1968	DEPTH 265	WAVES 1	XX	AIR T	VIS
CONS. NO 026	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 026
LAT 49-143N	DAY 13	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-507W	HR 22.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
228	0000	0620 B	25187		1983	14630
228	0005	0658	26512		2083	14664
228	0010	0707	27934		2188	14703
228	0020	0699	28279		2216	14706
228	0030	0698	28373		2224	14708
228	0050	0742	28676		2242	14733
228	0075	0845	29473		2290	14787
228	0100	0831	30014		2335	14793
228	0150	0826 B	30376		2364	14804
228	0200	0872	30733		2385	14834
228	0250	0886	30829		2390	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	25187		1983	14630	0000	00000	7915
0010	0707	27934		2188	14703	0069	00003	5943
0020	0699	28279		2216	14706	0128	00012	5674
0030	0698	28373		2224	14708	0184	00026	5605
0050	0742	28676		2242	14733	0295	00071	5432
0075	0845	29473		2290	14787	0425	00154	4975
0100	0831	30014		2335	14793	0545	00260	4555
0125	0823	3019 I		2350	14796	0658	00390	4413
0151	0826 B	30376		2364	14804	0767	00543	4284
0176	0848 B	3057 D		2376	14819	0873	00720	4173
0201	0872	30733		2385	14834	0977	00919	4093
0226	0881	30808		2389	14843	1079	01141	4053
0251	0886	30829		2390	14849	1181	01389	4048



C-REF-NO 002	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 027	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 027
LAT 49-191N	DAY 13	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-482W	HR 23.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
237	0000	0600 B	26469	755 B	2086	14639
237	0005	0624	27052	747 B	2129	14657
237	0010	0683	27690	700 B	2172	14690
237	0020	0693	28295	673 B	2218	14703
237	0030	0708	28440	645 B	2228	14713
237	0050	0741	28718	614 B	2245	14733
237	0075	0811	29682	516 B	2311	14777
237	0100	0810	30050	506 B	2340	14785
237	0150	0827	30397	450 B	2365	14804
237	0200	0861	30689	370 B	2383	14829
237	0250	0883	30835	332 B	2391	14848
237	0300	0900	30960	282 B	2398	14864
237	0340	0905	31021	275 B	2402	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0600 B	26469	755 B	2086	14639	0000	00000	6927
0010	0683	27690	700 B	2172	14690	0065	00003	6098
0020	0693	28295	673 B	2218	14703	0124	00012	5655
0030	0708	28440	645 B	2228	14713	0180	00026	5566
0050	0741	28718	614 B	2245	14733	0290	00071	5400
0075	0811	29682	516 B	2311	14777	0418	00152	4773
0100	0810	30050	506 B	2340	14785	0534	00255	4501
0125	0816	3022 I	482 B	2353	14794	0646	00384	4382
0151	0827	30397	450 B	2365	14804	0755	00536	4272
0176	0844	30556	409 B	2375	14817	0861	00713	4180
0201	0861	30689	370 B	2383	14829	0965	00912	4109
0226	0873	3077 B	349 B	2388	14839	1068	01136	4067
0251	0883	30835	332 B	2391	14848	1170	01384	4040
0301	0900	30960	282 B	2398	14864	1371	01951	3980

C-REF-NO 002	YR 1968	DEPTH 137	WAVES 1	XX	AIR T	VIS
CONS. NO 028	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 028
LAT 49-241N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-453W	HR 00.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000	0600 B	25954		2045	14632
006	0005	0637	26869		2113	14660
006	0010	0683	27996		2196	14694
006	0020	0708	28468		2230	14712
006	0030	0722	28631		2241	14721
006	0050	0809	29274		2280	14767
006	0075	0797	29623		2309	14770
006	0100	0826	29990		2333	14791
006	0115	0812	30068		2342	14789

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0600 B	25954		2045	14632	0000	00000	7315
0010	0683	27996		2196	14694	0066	00003	5368
0020	0708	28468		2230	14712	0123	00012	5545
0030	0722	28631		2241	14721	0178	00026	5439
0050	0809	29274		2280	14767	0284	00068	5072
0075	0797	29623		2309	14770	0408	00147	4797
0100	0826	29990		2333	14791	0525	00252	4566

C-REF-NO 002	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 029	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 029
LAT 49-236N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-253W	HR 02.0	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
020	0000	0640 B	25363	695 B	1995	14641
020	0005	0642	25711	682 B	2022	14647
020	0010	0648	26056	655 B	2048	14654
020	0020	0733	28506	628 B	2230	14722
020	0030	0788	29140	558 B	2272	14753
020	0050	0788	29551	562 B	2304	14762
020	0075	0784	29723	546 B	2318	14767
020	0100	0808	29955	506 B	2333	14783
020	0160		30304	416 B		

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0640 B	25363	695 B	1995	14641	0000	00000	7802
0010	0648	26056	655 B	2048	14654	0076	00004	7289
0020	0733	28506	628 B	2230	14722	0140	00013	5546
0030	0788	29140	558 B	2272	14753	0193	00027	5142
0050	0788	29551	562 B	2304	14762	0294	00067	4838
0075	0784	29723	546 B	2318	14767	0413	00144	4706
0100	0808	29955	506 B	2333	14783	0530	00248	4568

C-REF-NO 002	YR 1968	DEPTH 251	WAVES 1	XX	AIR T	VIS
CONS. NO 030	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 030
LAT 49-253N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-222W	HR 02.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
027	0000	0630 B	25198		1983	14634
027	0005	0632	25508		2007	14640
027	0010	0659	26389		2073	14663
027	0020	0761	28622		2235	14735
027	0030	0790	29158		2273	14754
027	0050	0768	29528		2305	14754
027	0075	0787	29768		2322	14768
027	0100	0802	29931		2332	14780
027	0150	0855	30237		2349	14813
027	0200	0864	30586		2375	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0630 B	25198		1983	14634	0000	00000	7916
0010	0659	26389		2073	14663	0075	00004	7050
0020	0761	28622		2235	14735	0138	00013	5494
0030	0790	29158		2273	14754	0191	00026	5131
0050	0768	29528		2305	14754	0291	00067	4828
0075	0787	29768		2322	14768	0410	00143	4676
0100	0802	29931		2332	14780	0526	00247	4578
0125	0829 B	30083		2340	14797	0640	00378	4505
0151	0855	30237		2349	14813	0753	00535	4430
0176	0864	30407		2361	14823	0863	00718	4319
0201	0864	30586		2375	14829	0969	00923	4190



C-REF-NO 002	YR 1968	DEPTH 229	WAVES 1	XX	AIR T	VIS
CONS. NO 031	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 031
LAT 49-315N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-272W	HR 03.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
038	0000	0630 B	24038	725 B	1892	14619
038	0005	0619	25002	690 B	1968	14628
038	0010	0640	25616	662 B	2014	14646
038	0020	0762	28643	576 B	2237	14735
038	0030	0806	29294	534 B	2282	14762
038	0050	0800	29586	545 B	2306	14767
038	0075	0817	29810	515 B	2321	14781
038	0099	0866	30054	430	2333	14807
038	0149	0833	30305	405 B	2357	14805
038	0199	0896	30681	323 B	2377	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0630 B	24038	725 B	1892	14619	0000	00000	8793
0010	0640	25616	662 B	2014	14646	0082	00004	7611
0020	0762	28643	576 B	2237	14735	0148	00013	5479
0030	0806	29294	534 B	2282	14762	0200	00027	5050
0050	0800	29586	545 B	2306	14767	0300	00067	4826
0075	0817	29810	515 B	2321	14781	0419	00143	4686
0100	0866	30060	429	2333	14807	0535	00247	4570
0125	0849 I	3018 I	408 D	2345	14806	0648	00377	4457
0151	0834	30312	404 B	2358	14806	0759	00532	4343
0176	0857	3049 B	366 B	2368	14821	0867	00712	4248
*0201	0898	30689	321 B	2378	14843	0973	00914	4164

C-REF-NO 002	YR 1968	DEPTH 225	WAVES 1	XX	AIR T	VIS
CONS. NO 032	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 032
LAT 49-387N	DAY 14	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-144W	HR 05.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
052	0000	0620 B	24899	539	1960	14626
052	0005	0699	26906	622 B	2109	14685
052	0010	0722	27601	605 B	2160	14704
052	0020	0760	28715	588 C	2243	14735
052	0030	0784	28937		2257	14749
052	0050	0807	29656	504 B	2310	14771
052	0075	0882	30111	355 B	2335	14809
052	0100	0882	30285	275 B	2348	14816
052	0150	0871	30300	234 C	2351	14820
052	0200	0871	30324	134 B	2353	14828
052	0215	0873	30323	118 B	2353	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	24899	539	1960	14626	0000	00000	8132
0010	0722	27601	605 B	2160	14704	0072	00003	6210
0020	0760	28715	588 C	2243	14735	0130	00012	5422
0030	0784	28937	568 C	2257	14749	0184	00026	5289
0050	0807	29656	504 B	2310	14771	0285	00066	4784
0075	0882	30111	355 B	2335	14809	0402	00141	4551
0100	0882	30285	275 B	2348	14816	0515	00242	4425
0125	0877	3029 I	248 D	2350	14818	0626	00369	4415
0151	0871	30300	234 C	2351	14820	0737	00525	4405
0176	0870	30314	183 C	2352	14824	0847	00709	4395
0201	0871	30324	134 B	2353	14828	0958	00921	4394

C-REF-NO 002	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 033	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 033
LAT 49-325N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-163W	HR 06.1	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
061	0000	0590 B	24923	535 B	1965	14614
061	0005	0619	25063	476 C	1973	14629
061	0010	0676	26688	630 B	2094	14674
061	0020	0749	28512	581 B	2228	14728
061	0030	0782	28925	552 B	2256	14748
061	0050	0802	29572	533 B	2304	14768
061	0075	0809	29763	510 B	2318	14777
061	0100	0823	29958	473 B	2331	14789
061	0150	0817	30237	479	2354	14798

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0590 B	24923	535 B	1965	14614	0000	00000	8084
0010	0676	26688	630 B	2094	14674	0075	00003	6843
0020	0749	28512	581 B	2228	14728	0137	00013	5561
0030	0782	28925	552 B	2256	14748	0191	00027	5295
0050	0802	29572	533 B	2304	14768	0293	00068	4840
0075	0809	29763	510 B	2318	14777	0413	00144	4709
0100	0823	29958	473 B	2331	14789	0530	00248	4586
0125	0825	30113	465 B	2343	14796	0643	00379	4476
0151	0817	30237	479	2354	14798	0755	00535	4377

C-REF-NO 002	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 034	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 034
LAT 49-305N	DAY 14	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-196W	HR 07.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
070	0000	0620 B	24637		1940	14623
070	0005	0620	24915		1961	14627
070	0010	0654	26067		2048	14657
070	0020	0755	28610		2235	14732
070	0030	0779	29151		2274	14750
070	0050	0797	29326		2286	14763
070	0075	0803	29794		2321	14775
070	0100	0837	29984		2331	14795
070	0150	0835	30225		2351	14805
070	0200	0894	30776		2385	14843
070	0220	0894	30926		2397	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	24637		1940	14623	0000	00000	8330
0010	0654	26067		2048	14657	0078	00004	7286
0020	0755	28610		2235	14732	0142	00013	5496
0030	0779	29151		2274	14750	0195	00027	5122
0050	0797	29326		2286	14763	0297	00068	5016
0075	0803	29794		2321	14775	0419	00145	4677
0100	0837	29984		2331	14795	0535	00249	4586
0125	0838 C	3010 I		2341	14801	0649	00380	4501
0151	0835	30225		2351	14805	0761	00538	4410
0176	0866 C	3050 I		2368	14825	0870	00718	4253
0201	0894	30776		2385	14843	0975	00919	4093



C-REF-NO 002	YR 1968	DEPTH 245	WAVES 1	XX	AIR T	VIS
CONS. NO 035	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 035
LAT 49-239N	DAY 14	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-175W	HR 08.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
080	0000	0620 B	25477	675 B	2006	14634
080	0005	0628	25462	685 B	2004	14638
080	0010	0662	26293	653 B	2065	14663
080	0020	0727	28313	624 B	2216	14717
080	0030	0796	29078	561 B	2266	14756
080	0050	0815	29542	534 B	2300	14772
080	0075	0818	29762	510 B	2317	14780
080	0100	0803	29923	508 B	2331	14781
080	0150	0838 C	30173	464 B	2346	14806
080	0200	0870	30602	375 B	2375	14832
080	0230	0885	30850	310 B	2392	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	25477	675 B	2006	14634	0000	00000	7695
0010	0662	26293	653 B	2065	14663	0074	00004	7125
0020	0727	28313	624 B	2216	14717	0138	00013	5683
0030	0796	29078	561 B	2266	14756	0193	00027	5198
0050	0815	29542	534 B	2300	14772	0294	00068	4879
0075	0818	29762	510 B	2317	14780	0415	00145	4722
0100	0803	29923	508 B	2331	14781	0531	00249	4585
0125	0815 C	3004 D	492 B	2339	14791	0646	00380	4515
0151	0838 C	30173	464 B	2346	14806	0758	00539	4454
0176	0855 B	3037 C	424 B	2360	14819	0869	00722	4328
0201	0870	30602	375 B	2375	14832	0975	00927	4186
0226	0883	30808	322 B	2389	14843	1079	01152	4055

C-REF-NO 002	YR 1968	DEPTH 161	WAVES 1	XX	AIR T	VIS
CONS. NO 036	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 036
LAT 49-190N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-200W	HR 09.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
090	0000	0560 B	21558	736 B	1704	14558
090	0005	0687	25743	665 B	2019	14665
090	0010	0686	27792	645 B	2180	14692
090	0020	0731	28419	625 B	2223	14720
090	0030	0765	28925	581 B	2259	14742
090	0050		29323	555		
090	0075	0729	29521	595	2310	14746
090	0100	0810	29769	510 B	2318	14785
090	0150	0834 B	30462	465 B	2369	14811

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0560 B	21558	736 B	1704	14558	0000	00000	10608
0010	0686	27792	645 B	2180	14692	0083	00003	6024
0020	0731	28419	625 B	2223	14720	0141	00012	5609
0030	0765	28925	581 B	2259	14742	0196	00026	5273
0050	0749 I	29323	555	2292	14744	0299	00067	4956
0075	0729	29521	595	2310	14742	0421	00145	4786
0100	0810	29769	510 B	2318	14781	0540	00252	4709
0125	0834 D	30084	477 C	2340	14799	0656	00385	4511
0151	0834 B	30462	465 B	2369	14808	0766	00539	4232

C-REF-NO 002	YR 1968	DEPTH 223	WAVES 1	XX	AIR T	VIS
CONS. NO 037	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 037
LAT 49-136N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-207W	HR 09.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
099	0000	0470 B	17474		1389	14467
099	0005	0633	26880		2114	14658
099	0010	0657	27396		2152	14676
099	0020	0688	28298		2219	14701
099	0030	0723	28570		2236	14720
099	0050	0795	29391		2291	14763
099	0074	0738	29677		2321	14748
099	0099	0739	29895		2338	14755
099	0149	0788 C	30316		2364	14788
099	0198	0867	30756		2387	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0470 B	17474		1389	14467	0000	00000	13661
0010	0657	27396		2152	14676	0100	00003	6289
0020	0688	28298		2219	14701	0159	00012	5646
0030	0723	28570		2236	14720	0215	00026	5486
0050	0795	29391		2291	14763	0320	00069	4966
0075	0737	29687		2322	14748	0441	00145	4673
0100	0740	29903		2338	14756	0556	00248	4516
0125	0759 B	30113		2352	14770	0668	00377	4387
0151	0789 C	30325		2365	14789	0777	00530	4273
0176	0826 B	30547		2377	14810	0883	00706	4161
*0201	0871	30774		2388	14834	0986	00904	4061

C-REF-NO 002	YR 1968	DEPTH 311	WAVES 1	XX	AIR T	VIS
CONS. NO 038	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 038
LAT 49-119N	DAY 14	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-262W	HR 10.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
107	0000	0600 B	26030		2051	14633
107	0005	0629	26172		2059	14647
107	0010	0680	27194		2134	14682
107	0020	0688	28122		2205	14699
107	0030	0720	28480		2230	14718
107	0050	0798	29312		2284	14763
107	0075	0840	29818		2318	14790
107	0100	0817	30143		2347	14789
107	0150	0836	30495		2371	14809
107	0200	0878	30819		2391	14837
107	0250	0892	30902		2395	14852
107	0280	0898	30972		2400	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0600 B	26030		2051	14633	0000	00000	7258
0010	0680	27194		2134	14682	0069	00003	6467
0020	0688	28122		2205	14699	0130	00013	5779
0030	0720	28480		2230	14718	0187	00027	5549
0050	0798	29312		2284	14763	0293	00070	5028
0075	0840	29818		2318	14790	0415	00147	4710
0100	0817	30143		2347	14789	0530	00250	4440
0125	0820 B	3031 I		2360	14796	0640	00376	4316
0151	0836	30495		2371	14809	0747	00527	4212
0176	0857	3067 C		2382	14824	0852	00700	4112
0201	0878	30819		2391	14837	0954	00897	4037
0226	0887	3087 D		2393	14846	1055	01117	4014
0251	0892	30902		2395	14852	1156	01362	4003



C-REF-NO 002	YR 1968	DEPTH 382	WAVES 1	XX	AIR T	VIS
CONS. NO 039	MONTH 2	MXSAMPD 04	WAVES 2	XX	WET B	STN 039
LAT 49-097N	DAY 14	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-331W	HR 11.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
117	0000	0570 B	24753	754 B	1954	14604
117	0005	0607	26274	725 B	2070	14640
117	0010	0674	27476	665 B	2156	14683
117	0020	0701	28148	657 B	2206	14705
117	0030	0680	28247	656 B	2216	14699
117	0050	0774	28896	600 B	2255	14748
117	0075	0830	29692	510 B	2310	14784
117	0100	0822	30013	495 B	2336	14789
117	0150	0816 B	30379	465 B	2365	14800
117	0200	0846	30600	400 B	2378	14822
117	0250	0880	30811	335 B	2390	14846
117	0300	0898	30948	311 B	2398	14863
117	0360	0907	31059	245 B	2405	14878

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0570 B	24753	754 B	1954	14604	0000	00000	8193
0010	0674	27476	665 B	2156	14683	0072	00003	6249
0020	0701	28148	657 B	2206	14705	0133	00012	5775
0030	0680	28247	656 B	2216	14699	0190	00027	5677
0050	0774	28896	600 B	2255	14748	0300	00072	5307
0075	0830	29692	510 B	2310	14784	0427	00152	4790
0100	0822	30013	495 B	2336	14789	0544	00256	4545
0125	0816	3022 C	482 B	2353	14794	0656	00385	4379
0151	0816 B	30379	465 B	2365	14800	0765	00537	4269
0176	0828	3049 B	435 B	2373	14810	0871	00714	4200
0201	0846	30600	400 B	2378	14822	0976	00916	4154
0226	0864	30711	365 B	2384	14835	1080	01141	4100
0251	0880	30811	335 B	2390	14846	1182	01390	4053
0301	0898	30948	311 B	2398	14863	1384	01959	3985

C-REF-NO 002	YR 1968	DEPTH 134	WAVES 1	XX	AIR T	VIS
CONS. NO 040	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 040
LAT 49-086N	DAY 14	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-368W	HR 12.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
125	0000	0620 B	25935		2042	14640
125	0005	0651	26770		2104	14664
125	0010	0669	27248		2139	14678
125	0020	0708	28177		2207	14708
125	0030	0742	28580		2235	14728
125	0050	0777	28936		2258	14750
125	0075	0800	29219		2277	14766
125	0113	0816	30068		2341	14790

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	25935		2042	14640	0000	00000	7350
0010	0669	27248		2139	14678	0069	00003	6414
0020	0708	28177		2207	14708	0130	00012	5762
0030	0742	28580		2235	14728	0186	00027	5502
0050	0777	28936		2258	14750	0295	00071	5282
0075	0800	29219		2277	14766	0425	00154	5103
0100	0814	2973 C		2315	14782	0548	00264	4739

C-REF-NO 002	YR 1968	DEPTH 212	WAVES 1	XX	AIR T	VIS
CONS. NO 041	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 041
LAT 49-004N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-300W	HR 13.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
137	0000	0590 B	24590		1939	14610
137	0005	0648	27059		2127	14667
137	0010	0695	27857		2184	14697
137	0020	0704	28210		2210	14707
137	0030	0727	28485		2229	14721
137	0050	0744	29089		2274	14739
137	0075	0724	29570		2314	14741
137	0100	0729	29758		2328	14750
137	0150	0777 B	30274		2362	14783
137	0190	0835	30538		2375	14816

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0590 B	24590		1939	14610	0000	00000	8336
0010	0695	27857		2184	14697	0072	00003	5987
0020	0704	28210		2210	14707	0130	00012	5732
0030	0727	28485		2229	14721	0187	00026	5555
0050	0744	29089		2274	14739	0294	00070	5126
0075	0724	29570		2314	14741	0418	00148	4743
0100	0729	29758		2328	14750	0535	00253	4612
0125	0748	3001 I		2346	14765	0649	00384	4447
0151	0777 B	30274		2362	14783	0759	00538	4294
0176	0811	30451		2372	14803	0866	00715	4211



C-REF-NO 002	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 042	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 042
LAT 49-018N	DAY 14	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-262W	HR 14.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
144	0000	0600 B	24470	712 B	1929	14613
144	0005	0688	27533	665 B	2159	14689
144	0010	0696	27840	630 B	2182	14697
144	0020	0700	28181	626 B	2209	14705
144	0030	0737	28648	594 B	2241	14727
144	0050	0762	29674	598 B	2318	14753
144	0075	0786	29147	540 B	2273	14760
144	0100	0751	29794	552	2328	14759
144	0150	0761 B	30066	538 B	2348	14774
144	0200	0833	30531	455 B	2375	14816
144	0250	0873	30773	350 B	2388	14843
144	0300	0889	30869	306 B	2393	14859

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0600 B	24470	712 B	1929	14613	0000	00000	8437
0010	0696	27840	630 B	2182	14697	0072	00003	6000
0020	0700	28181	626 B	2209	14705	0131	00012	5749
0030	0737	28648	594 B	2241	14727	0187	00026	5444
0050	0762	29674	598 B	2318	14753	0289	00067	4711
0075	0786	29147	540 B	2273	14760	0413	00147	5138
0100	0751	29794	552	2328	14759	0535	00255	4613
0125	0745 B	2993 I	552	2340	14762	0650	00387	4507
0151	0761 B	30066	538 B	2348	14774	0762	00545	4427
0176	0795 B	3029 I	502 B	2362	14795	0871	00727	4303
0201	0833	30531	455 B	2375	14816	0978	00931	4186
0226	0856	30675	400 B	2383	14831	1082	01158	4117
0251	0873	30773	350 B	2388	14843	1185	01408	4071
0301	0889	30869	306 B	2393	14859	1389	01982	4030



C-REF-NO 002	YR 1968	DEPTH 229	WAVES 1	XX	AIR T	VIS
CONS. NO 043	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 043
LAT 49-033N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-222W	HR 15.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
152	0000	0650 B	26133		2054	14655
152	0005	0689	26999		2117	14682
152	0010	0717	28365		2221	14712
152	0020	0708	28638		2243	14714
152	0030	0705	28767		2254	14716
152	0050	0713	29070		2277	14726
152	0075	0739	29290		2291	14743
152	0100	0752	29666		2318	14758
152	0150	0732 B	30020		2349	14762
152	0200	0825	30588		2380	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0650 B	26133		2054	14655	0000	00000	7232
0010	0717	28365		2221	14712	0064	00003	5631
0020	0708	28638		2243	14714	0120	00011	5417
0030	0705	28767		2254	14716	0174	00025	5317
0050	0713	29070		2277	14726	0278	00068	5101
0075	0739	29290		2291	14743	0405	00148	4971
0100	0752	29666		2318	14758	0526	00256	4710
0125	0739 D	2984 I		2334	14759	0642	00390	4563
0151	0732 B	30020		2349	14762	0755	00549	4424
0176	0767 B	3028 B		2365	14783	0865	00730	4274
0201	0825	30588		2380	14814	0970	00933	4133

C-REF-NO 002	YR 1968	DEPTH 124	WAVES 1 XX	AIR T	VIS
CONS. NO 044	MONTH 2	MXSAMPD 01	WAVES 2 XX	WET B	STN 044
LAT 48-568N	DAY 14	NO.DPTH 9	WND-DIR	WW-CODE	
LON 123-056W	HR 16.5	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
165	0000	0670 B	28581	630 B	2244	14695
165	0005	0690	28524	635 B	2237	14703
165	0010	0689	28548	630 B	2239	14703
165	0020	0695	28639	627 B	2245	14709
165	0030	0700	28699	613 B	2249	14713
165	0050	0700	28864	625 B	2262	14718
165	0075	0718	29375	601 B	2300	14736
165	0100	0726	29783	564 B	2331	14749
165	0115	0725 B	29841	564 B	2336	14752

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	28581	630 B	2244	14695	0000	00000	5414
0010	0689	28548	630 B	2239	14703	0055	00003	5460
0020	0695	28639	627 B	2245	14709	0109	00011	5399
0030	0700	28699	613 B	2249	14713	0163	00025	5362
0050	0700	28864	625 B	2262	14718	0269	00068	5240
0075	0718	29375	601 B	2300	14736	0396	00149	4881
0100	0726	29783	564 B	2331	14749	0515	00255	4589

C-REF-NO 002	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 045	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 045
LAT 48-539N	DAY 14	NO.DPTH 9	WND-DIR		WW-CGDE	
LON 123-085W	HR 17.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
172	0000	0640 B	26031	794	2047	14649
172	0005	0663	27010	615 B	2121	14672
172	0010	0690	24506	615 B	1922	14652
172	0020	0704	28881	605 B	2263	14715
172	0029	0705	28922	610 B	2266	14718
172	0049	0708	29121	615 B	2281	14725
172	0074	0720	29378	600 B	2300	14737
172	0098	0729	29722	560 B	2326	14749
172	0118	0726	30073	557 B	2354	14755

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0640 B	26031	794	2047	14649	0000	00000	7299
0010	0690	24506	615 B	1922	14652	0079	00004	3501
0020	0704	28881	605 B	2263	14715	0148	00014	5230
0030	0705	28930	611 B	2267	14718	0200	00027	5195
0050	0708	29130	615 B	2282	14725	0303	00069	5050
0075	0721	29391	598 B	2301	14737	0427	00148	4873
0100	0729	29754	559 B	2328	14750	0546	00255	4614

C-REF-NO 002	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 046	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 046
LAT 48-514N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-107W	HR 17.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
179	0000	0620 B	26393		2078	14646
179	0005	0621	26437		2081	14648
179	0010	0635	26524		2086	14655
179	0020	0713	28255		2213	14711
179	0030	0739	28804		2252	14730
179	0050	0746	29108		2275	14740
179	0074	0741	29569		2312	14748
179	0099	0724	29716		2326	14747
179	0149	0728 B	30124		2357	14762

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0620 B	26393		2078	14646	0000	00000	7005
0010	0635	26524		2086	14655	0070	00004	6922
0020	0713	28255		2213	14711	0133	00013	5709
0030	0739	28804		2252	14730	0188	00027	5330
0050	0746	29108		2275	14740	0293	00070	5114
0075	0740	29578		2313	14748	0417	00148	4758
0100	0724	29724		2327	14747	0535	00253	4630
0125	0721	2992 I		2343	14753	0649	00385	4477
*0151	0728 B	30132		2358	14762	0760	00540	4336



C-REF-NO 002	YR 1968	DEPTH 190	WAVES 1	XX	AIR T	VIS
CONS. NO 047	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 047
LAT 48-494N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-063W	HR 18.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
186	0000	0680 B	26688		2094	14674
186	0005	0628	26730		2103	14654
186	0010	0656	27606		2169	14678
186	0020	0704	28126		2204	14706
186	0030	0743	28763		2249	14731
186	0050	0725	29002		2270	14730
186	0075	0729	29416		2302	14741
186	0100	0723	29692		2324	14746
186	0149	0732	30089		2354	14763
186	0174	0735	30143		2358	14769

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	26688		2094	14674	0000	00000	6847
0010	0656	27606		2169	14678	0065	00003	6131
0020	0704	28126		2204	14706	0125	00012	5795
0030	0743	28763		2249	14731	0181	00026	5367
0050	0725	29002		2270	14730	0286	00069	5168
0075	0729	29416		2302	14741	0412	00149	4865
0100	0723	29692		2324	14746	0532	00256	4653
0125	0726	2993 C		2342	14755	0646	00388	4482
0151	0732	30093		2354	14763	0758	00544	4370
*0176	0735	30143		2358	14769	0867	00726	4340

C-REF-NO 002	YR 1968	DEPTH 216	WAVES 1	XX	AIR T	VIS
CONS. NO 048	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 048
LAT 48-517N	DAY 14	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-032W	HR 19.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
195	0000	0720 B	28854		2259	14718
195	0005	0711	29103		2279	14719
195	0010	0709	29162		2284	14719
195	0020	0708	29234		2290	14721
195	0030	0712	29335		2298	14726
195	0049	0715	29488		2309	14732
195	0074	0722	29566		2314	14740
195	0099	0721	29595		2317	14744
195	0148	0723 B	29659		2322	14754
195	0198	0723	29820		2334	14764

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	28854		2259	14718	0000	00000	5268
0010	0709	29162		2284	14719	0052	00003	5024
0020	0708	29234		2290	14721	0102	00010	4971
0030	0712	29335		2298	14726	0151	00023	4899
0050	0715	29493		2309	14733	0249	00063	4788
0075	0722	29568		2314	14740	0368	00139	4743
0100	0721	29596		2317	14744	0487	00245	4723
0125	0722	29623		2319	14749	0605	00382	4705
0151	0723 B	29664		2322	14754	0723	00547	4679
0176	0723	29735		2327	14759	0840	00742	4629
*0201	0723	29828		2335	14764	0955	00963	4561

C-REF-NO 002	YR 1968	DEPTH 139	WAVES 1	XX	AIR T	VIS
CONS. NO 049	MONTH 2	MXSAMPD 001	WAVES 2	XX	WET B	STN 049
LAT 48-547N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-597W	HR 20.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
208	0000	0720 B	28452	640 B	2227	14713
208	0005	0708	28404	646 B	2225	14708
208	0010	0694	28543	626 B	2238	14705
208	0020	0694	28653	616 B	2246	14708
208	0030	0704	28923	602 B	2266	14717
208	0049	0711	29269	591 B	2292	14728
208	0074	0720	29350	588 B	2298	14737
208	0098	0720	29396	581 B	2301	14741
208	0118	0717 C	29468	585 B	2307	14744

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	28452	640 B	2227	14713	0000	00000	5549
0010	0694	28543	626 B	2238	14705	0055	00003	5471
0020	0694	28653	616 B	2246	14708	0110	00011	5387
0030	0704	28923	602 B	2266	14717	0163	00025	5198
0050	0711	29277	591 B	2293	14728	0265	00066	4946
0075	0720	29352	588 B	2298	14737	0388	00145	4902
0100	0720	29402	581 B	2302	14741	0511	00255	4866

C-REF-NO 002	YR 1968	DEPTH 22	WAVES 1 XX	AIR T	VIS
CONS. NO 050	MONTH 2	MXSAMPD 00	WAVES 2 XX	WET B	STN 050
LAT 48-577N	DAY 14	NO.DPTH 5	WND-DIR	WW-CODE	
LON 122-560W	HR 21.5	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
215	0000	0730 B	28428		2224	14717
215	0005	0706	28349		2221	14707
215	0010	0701	28439		2229	14707
215	0015	0693	28469		2232	14705
215	0018	0694	28619		2244	14708

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	28428		2224	14717	0000	00000	5599
0010	0701	28439		2229	14707	0056	00003	5556



C-REF-NO 002	YR 1968	DEPTH 168	WAVES 1	XX	AIR T	VIS
CONS. NO 051	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 051
LAT 48-468N	DAY 14	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-520W	HR 22.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
227	0000	0710 B	28047		2197	14704
227	0005	0693	27892	643 B	2187	14696
227	0010	0697	28117		2204	14701
227	0020	0702	28652	622 B	2245	14712
227	0030	0702	28936	605 B	2268	14717
227	0050	0706	29163	605 B	2285	14725
227	0075	0725	29599	575 B	2317	14742
227	0100	0723	29653	575 B	2321	14746
227	0150	0728 B	29907	561 B	2340	14759

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	28047		2197	14704	0000	00000	5861
0010	0697	28117	636 B	2204	14701	0058	00003	5794
0020	0702	28652	622 B	2245	14712	0115	00011	5398
0030	0702	28936	605 B	2268	14717	0168	00025	5187
0050	0706	29163	605 B	2285	14725	0270	00067	5023
0075	0725	29599	575 B	2317	14742	0392	00144	4723
0100	0723	29653	575 B	2321	14746	0510	00250	4682
0125	0725	2978 I	568 B	2331	14753	0627	00384	4594
0151	0728 B	29907	561 B	2340	14759	0741	00544	4504

C-REF-NO 002	YR 1968	DEPTH 104	WAVES 1	XX	AIR T	VIS
CONS. NO 052	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 052
LAT 48-390N	DAY 14	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-433W	HR 23.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
238	0000	0760 B	29195	610 B	2280	14738
238	0005	0714	29201	612	2287	14721
238	0010	0708	29212	601 B	2288	14720
238	0020	0704	29237	617 B	2291	14720
238	0030	0705	29255	594	2292	14722
238	0050	0705	29298	608 B	2296	14726
238	0075	0712	29299	600 B	2295	14733
238	0090	0711	29294	591 B	2294	14735

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0760 B	29195	610 B	2280	14738	0000	00000	5063
0010	0708	29212	601 B	2288	14720	0050	00003	4985
0020	0704	29237	617 B	2291	14720	0100	00010	4963
0030	0705	29255	594	2292	14722	0150	00023	4951
0050	0705	29298	608 B	2296	14726	0249	00063	4920
0075	0712	29299	600 B	2295	14733	0373	00142	4932

C-REF-NO 002	YR 1968	DEPTH 66	WAVES 1	XX	AIR T	VIS
CONS. NO 053	MONTH 2	MXSAMPD 00	WAVES 2	XX	WET B	STN 053
LAT 48-332N	DAY 15	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-450W	HR 00.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000	0740 B	29261		2288	14731
006	0005	0711	29239		2290	14720
006	0010	0707	29284		2294	14720
006	0020	0704	29304		2296	14721
006	0030	0704	29329		2298	14723
006	0050	0702	29367		2301	14726

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	29261		2288	14731	0000	00000	4988
0010	0707	29284		2294	14720	0050	00003	4931
0020	0704	29304		2296	14721	0099	00010	4913
0030	0704	29329		2298	14723	0148	00023	4895
0050	0702	29367		2301	14726	0246	00063	4865

C-REF-NO 002	YR 1968	DEPTH 79	WAVES 1 XX	AIR T	VIS
CONS. NO 054	MONTH 2	MXSAMPD 00	WAVES 2 XX	WET B	STN 054
LAT 48-266N	DAY 15	NO.DPTH 6	WND-DIR	WW-CODE	
LON 122-443W	HR 01.4	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
014	0000	0740 B	29435	601 B	2302	14734
014	0005	0718	29472	605 B	2307	14726
014	0010	0711	29556	593 B	2315	14725
014	0020	0706	29569	585 B	2317	14725
014	0030	0706	29572	585 B	2317	14727
014	0050	0706	29657	588 B	2324	14731

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	29435	601 B	2302	14734	0000	00000	4858
0010	0711	29556	593 B	2315	14725	0048	00002	4731
0020	0706	29569	585 B	2317	14725	0096	00010	4717
0030	0706	29572	585 B	2317	14727	0143	00022	4714
0050	0706	29657	588 B	2324	14731	0237	00060	4655



C-REF-NO 002	YR 1968	DEPTH 101	WAVES 1	XX	AIR T	VIS
CONS. NO 055	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 055
LAT 48-456N	DAY 15	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-587W	HR 03.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
036	0000	0680 B	26608		2088	14673
036	0005	0697	27742		2175	14695
036	0010	0709	28144		2205	14706
036	0020	0726	28765		2251	14723
036	0030	0718	29460		2307	14730
036	0050	0720	29633		2320	14736
036	0075	0727	29718		2326	14744

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	26608		2088	14673	0000	00000	6908
0010	0709	28144		2205	14706	0064	00003	5787
0020	0726	28765		2251	14723	0119	00011	5343
0030	0718	29460		2307	14730	0170	00024	4814
0050	0720	29633		2320	14736	0266	00063	4689
0075	0727	29718		2326	14744	0383	00138	4637

C-REF-NO 002	YR 1968	DEPTH 225	WAVES 1 XX	AIR T	VIS
CONS. NO 056	MONTH 2	MXSAMPD 02	WAVES 2 XX	WET B	STN 056
LAT 48-463N	DAY 15	NO.DPTH 10	WND-DIR	WW-CODE	
LON 123-015W	HR 04.3	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
043	0000	0720 B	28869	607	2260	14718
043	0005	0721	28895	619 B	2262	14720
043	0010	0722	28982	613 B	2269	14722
043	0020	0723	29144	606 B	2281	14726
043	0030	0724	29270	590 B	2291	14730
043	0050	0723	29666	580 B	2322	14738
043	0075	0728	29710	575 B	2325	14745
043	0100	0726	29748	571 B	2328	14748
043	0150	0724 B	29889	566 B	2339	14758
043	0199	0722	30057	560 B	2353	14767

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	28869	607	2260	14718	0000	00000	5257
0010	0722	28982	613 B	2269	14722	0052	00003	5175
0020	0723	29144	606 B	2281	14726	0104	00010	5056
0030	0724	29270	590 B	2291	14730	0154	00023	4963
0050	0723	29666	580 B	2322	14738	0251	00063	4668
0075	0728	29710	575 B	2325	14745	0367	00137	4644
0100	0726	29748	571 B	2328	14748	0484	00241	4615
0125	0725	29811	568 B	2333	14753	0599	00374	4569
0151	0724 B	29889	566 B	2339	14758	0713	00534	4512
0176	0723	29970	563 B	2346	14762	0826	00721	4452
*0201	0722	30061	560 B	2353	14767	0937	00934	4386

C-REF-NO 002	YR 1968	DEPTH 150	WAVES 1	XX	AIR T	VIS
CONS. NO 057	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 057
LAT 48-441N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-081W	HR 04.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
049	0000	0680 B	28860		2264	14702
049	0005	0717	29003		2271	14720
049	0010	0714	29093		2278	14720
049	0020	0710	29255		2292	14723
049	0030	0711	29289		2294	14725
049	0050	0713	29598		2318	14733
049	0074	0718	29837		2336	14742
049	0099	0720	30056		2353	14750
049	0129	0721	30189		2363	14757

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28860		2264	14702	0000	00000	5216
0010	0714	29093		2278	14720	0052	00003	5082
0020	0710	29255		2292	14723	0102	00010	4957
0030	0711	29289		2294	14725	0152	00023	4933
0050	0713	29598		2318	14733	0248	00062	4706
0075	0718	29847		2337	14742	0364	00136	4529
0100	0720	30062		2354	14750	0476	00236	4373
0126	0721	30179		2362	14756	0585	00361	4290

C-REF-NO 002	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 058	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 058
LAT 48-430N	DAY 15	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-142W	HR 06.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
064	0000	0680 B	28807		2260	14702
064	0005	0714	29049		2275	14719
064	0010	0711	29119		2281	14720
064	0020	0708	29179		2286	14721
064	0030	0710	29207		2288	14724
064	0050	0711	29285		2294	14728
064	0075	0718	29445		2305	14737
064	0100	0715	29683		2324	14743
064	0150	0722	30338		2375	14763
064	0199	0721	30405		2380	14771
064	0249	0723	30474		2385	14781

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	28807		2260	14702	0000	00000	5256
0010	0711	29119		2281	14720	0052	00003	5058
0020	0708	29179		2286	14721	0102	00010	5012
0030	0710	29207		2288	14724	0152	00023	4993
0050	0711	29285		2294	14728	0252	00064	4938
0075	0718	29445		2305	14737	0375	00142	4830
0100	0715	29683		2324	14743	0494	00248	4649
0125	0718	3001 I		2350	14753	0607	00379	4411
0151	0722	30338		2375	14763	0715	00530	4175
0176	0722	3037 I		2378	14767	0820	00704	4151
0201	0721	30407		2380	14771	0924	00904	4127
0226	0722	3045 C		2384	14776	1027	01129	4097
*0251	0723	30474		2385	14781	1130	01379	4085



C-REF-NO 002	YR 1968	DEPTH 223	WAVES 1	XX	AIR T	VIS
CONS. NO 059	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 059
LAT 48-378N	DAY 15	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-147W	HR 07.1	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
071	0000	0690 B	29327	594 B	2300	14712
071	0005	0708	29199	609	2287	14719
071	0010	0706	29244	597	2291	14719
071	0020	0705	29283	610 B	2294	14721
071	0030	0707	29341	590 B	2299	14724
071	0050	0707	29450	600 B	2307	14729
071	0075	0716	29598	585 B	2318	14738
071	0099	0715	29622	580 B	2320	14742
071	0149	0723	30457	545 B	2384	14764
071	0199	0728	30868	529 B	2416	14780

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	29327	594 B	2300	14712	0000	00000	4878
0010	0706	29244	597	2291	14719	0049	00003	4959
0020	0705	29283	610 B	2294	14721	0099	00010	4930
0030	0707	29341	590 B	2299	14724	0148	00023	4889
0050	0707	29450	600 B	2307	14729	0246	00062	4810
0075	0716	29598	585 B	2318	14738	0365	00139	4712
0100	0715	2963 B	579 B	2321	14743	0483	00244	4685
0125	0718	3005 I	563 B	2353	14753	0597	00375	4377
0151	0723	30468	545 B	2385	14765	0703	00524	4079
0176	0726	3070 D	535 B	2403	14773	0803	00690	3908
*0201	0728	30873	529 B	2416	14780	0900	00876	3790

C-REF-NO 002	YR 1968	DEPTH 282	WAVES 1	XX	AIR T	VIS
CONS. NO 060	MONTH 2	MXSAMPD 03	WAVES 2	XX	WET B	STN 060
LAT 48-339N	DAY 15	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-128W	HR 07.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
078	0000	0700 B	29416		2305	14717
078	0005	0711	29432		2305	14723
078	0010	0710	29442		2306	14723
078	0020	0710	29516		2312	14726
078	0030	0711	29691		2326	14730
078	0049	0713	29871		2339	14736
078	0074	0721	30070		2354	14746
078	0099	0722	30215		2365	14753
078	0148	0728 B	30738		2405	14770
078	0197	0728	30875		2416	14780
078	0257	0730	30927		2420	14791

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	29416		2305	14717	0000	00000	4823
0010	0710	29442		2306	14723	0048	00002	4816
0020	0710	29516		2312	14726	0096	00010	4762
0030	0711	29691		2326	14730	0144	00022	4631
0050	0713	29880		2340	14737	0235	00059	4496
0075	0721	30075		2354	14747	0346	00130	4361
0100	0722	30226		2366	14753	0455	00227	4254
0126	0725	3049 I		2387	14762	0559	00347	4061
0151	0728 B	30748		2406	14770	0659	00487	3875
0176	0728	3084 D		2414	14776	0755	00647	3809
0201	0728	30882		2417	14780	0851	00831	3782
0226	0729	3092 B		2420	14785	0945	01037	3755
*0251	0730	30931		2420	14790	1040	01266	3754

C-REF-NO 002	YR 1968	DEPTH 265	WAVES 1	XX	AIR T	VIS
CONS. NO 061	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 061
LAT 48-292N	DAY 15	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-093W	HR 08.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
087	0000	0710 B	29448		2307	14722
087	0004	0706	29441		2307	14721
087	0009	0713	29606		2319	14727
087	0017	0711	29717		2328	14728
087	0026	0715	29960		2346	14735
087	0043	0714	30208		2366	14740
087	0065	0724	30308		2372	14749
087	0087	0725	30496		2387	14756
087	0130	0725 B	30589		2394	14764
087	0173	0732	31148		2437	14781
087	0217	0738	31352		2452	14793

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	29448		2307	14722	0000	00000	4811
0010	0713	2962 B		2320	14727	0048	00002	4685
0020	0712	2979 C		2334	14730	0094	00009	4555
0030	0715	3003 B		2352	14736	0139	00021	4378
0050	0717	3024 D		2368	14743	0225	00056	4225
0075	0725	3039 C		2379	14752	0330	00123	4130
0100	0725	3052 I		2389	14758	0433	00215	4034
0126	0725 B	3057 I		2393	14763	0534	00331	3997
0151	0728	3084 I		2414	14772	0632	00469	3801
0176	0732	31162		2438	14781	0724	00623	3576
0201	0736	3130 D		2448	14789	0813	00793	3481

C-REF-NO 002	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 062	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 062
LAT 48-229N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-026W	HR 09.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
097	0000	0700 B	29767	599 B	2333	14722
097	0005	0710	29738	597 B	2329	14726
097	0010	0709	29745	592 B	2330	14727
097	0020	0711	29895	597	2342	14731
097	0030	0714	29979	578 B	2348	14735
097	0049	0713	30051	590 B	2354	14739
097	0074	0729	30495	551	2386	14755
097	0098	0731		574		
097	0118	0732	30952	525 B	2422	14773

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	29767	599 B	2333	14722	0000	00000	4560
0010	0709	29745	592 B	2330	14727	0046	00002	4587
0020	0711	29895	597	2342	14731	0091	00009	4479
0030	0714	29979	578 B	2348	14735	0136	00021	4421
0050	0714	30066	588 B	2355	14739	0224	00057	4357
0075	0729	30508	552	2387	14755	0330	00124	4050
0100	0731	3076 I	571	2407	14764	0429	00213	3863



C-REF-NO 002	YR 1968	DEPTH 159	WAVES 1	XX	AIR T	VIS
CONS. NO 063	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 063
LAT 48-146N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-590W	HR 10.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
108	0000	0700 B	30048	597 B	2355	14726
108	0005	0712	30038	600 B	2353	14731
108	0010	0713	30042	582 B	2353	14732
108	0020	0717	30079	582 B	2355	14736
108	0029	0720	30176	565 B	2362	14740
108	0049	0725	30411	570 B	2380	14748
108	0074	0739	31120	518 B	2434	14767
108	0098	0749	31666	482 B	2475	14782
108	0142	0763 B	32225	457 B	2517	14802

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	30048	597 B	2355	14726	0000	00000	4350
0010	0713	30042	582 B	2353	14732	0044	00002	4369
0020	0717	30079	582 B	2355	14736	0088	00009	4348
0030	0720	30184	565 B	2363	14740	0131	00020	4276
0050	0726	3043 B	568 B	2382	14749	0215	00054	4094
0075	0739	31146	516 B	2436	14768	0311	00115	3587
0100	0750	31703	480 B	2478	14783	0397	00191	3187
0126	0758	32075	460 B	2506	14795	0473	00279	2926

C-REF-NO 002	YR 1968	DEPTH 91	WAVES 1	XX	AIR T	VIS
CONS. NO 064	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 064
LAT 48-122N	DAY 15	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-059W	HR 11.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
116	0000	0700 B	30837		2417	14736
116	0005	0729	30921		2420	14749
116	0010	0729	31047		2430	14752
116	0020	0730	31161		2438	14755
116	0030	0735	31362		2453	14761
116	0050	0743	31635		2474	14771
116	0075	0770	32263		2519	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SV4
0000	0700 B	30837		2417	14736	0000	00000	3759
0010	0729	31047		2430	14752	0037	00002	3638
0020	0730	31161		2438	14755	0073	00007	3556
0030	0735	31362		2453	14761	0108	00016	3414
0050	0743	31635		2474	14771	0175	00043	3223
0075	0770	32263		2519	14794	0251	00091	2794

C-REF-NO 002	YR 1968	DEPTH 124	WAVES 1	XX	AIR T	VIS
CONS. NO 065	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 065
LAT 48-158N	DAY 15	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-100W	HR 12.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
123	0000	0720 B	30046	590 B	2352	14734
123	0005	0722	30031	587 B	2351	14735
123	0010	0720	30030	580 B	2351	14735
123	0019	0724	30319	565 B	2373	14742
123	0028	0730	30817	532 B	2411	14752
123	0047	0731	31032	536 B	2428	14758
123	0071	0737	31062	535 B	2430	14765
123	0094	0751	31612	484 B	2471	14781

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30046	590 B	2352	14734	0000	00000	4376
0010	0720	30030	580 B	2351	14735	0044	00002	4388
0020	0725	3037 C	561 B	2377	14743	0087	00009	4136
0030	0730	3084 I	530 B	2413	14753	0127	00019	3798
0050	0731	3103 I	538 B	2428	14759	0202	00049	3655
0075	0739	3112 B	529 B	2435	14767	0293	00108	3598

C-REF-NO 002	YR 1968	DEPTH 95	WAVES 1	XX	AIR T	VIS
CONS. NO 066	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 066
LAT 48-194N	DAY 15	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-141W	HR 13.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
130	0000	0730 B	30283		2369	14741
130	0005	0720	30200		2364	14736
130	0010	0723	30242		2367	14739
130	0020	0726	30614		2396	14747
130	0030	0730	30787		2409	14752
130	0050	0748	31588		2469	14773
130	0075	0768	32146		2510	14792

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	30283		2369	14741	0000	00000	4211
0010	0723	30242		2367	14739	0042	00002	4233
0020	0726	30614		2396	14747	0084	00008	3960
0030	0730	30787		2409	14752	0123	00018	3837
0050	0748	31588		2469	14773	0194	00047	3263
0075	0768	32146		2510	14792	0271	00096	2879



C-REF-NO 002	YR 1968	DEPTH 108	WAVES 1	XX	AIR T	VIS
CONS. NO 067	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 067
LAT 48-228N	DAY 15	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-182W	HR 13.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
137	0000	0710 B	30262		2370	14732
137	0005	0719	30238		2367	14736
137	0010	0718	30247		2368	14737
137	0020	0716	30256		2369	14738
137	0030	0719	30358		2377	14742
137	0049	0719	30423		2382	14746
137	0074	0730	30517		2388	14756
137	0084	0734	30768		2407	14762

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	30262		2370	14732	0000	00000	4201
0010	0718	30247		2368	14737	0042	00002	4223
0020	0716	30256		2369	14738	0085	00009	4215
0030	0719	30358		2377	14742	0127	00019	4144
0050	0719	3041 B		2382	14746	0209	00053	4100
0075	0730	30538		2389	14756	0312	00118	4029

C-REF-NO 002	YR 1968	DEPTH 135	WAVES 1	XX	AIR T	VIS
CONS. NO 068	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 068
LAT 48-122N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-433W	HR 15.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
155	0000	0720 B	31042		2430	14747
155	0005	0730	31054		2430	14751
155	0010	0728	31068		2431	14752
155	0020	0733	31188		2440	14757
155	0030	0740	31284		2447	14762
155	0050	0748	31703		2478	14774
155	0075	0774	32158		2510	14794
155	0100	0803	32723		2551	14817
155	0115	0814	32843		2558	14825

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	31042		2430	14747	0000	00000	3631
0010	0728	31068		2431	14752	0036	00002	3622
0020	0733	31188		2440	14757	0072	00007	3539
0030	0740	31284		2447	14762	0108	00016	3478
0050	0748	31703		2478	14774	0175	00044	3179
0075	0774	32158		2510	14794	0251	00092	2878
0101	0803	32723		2551	14817	0318	00152	2501

C-REF-NO 002	YR 1968	DEPTH 177	WAVES 1	XX	AIR T	VIS
CONS. NO 069	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 069
LAT 48-157N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-430W	HR 16.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
162	0000	0720 B	30906	573 B	2420	14745
162	0005	0727	30875	569 B	2416	14748
162	0010	0725	30876	565 B	2417	14748
162	0020	0728	30922	560 B	2420	14751
162	0030	0729	30948	540 B	2422	14754
162	0049	0734	31167	540 B	2438	14762
162	0074	0745	31833	501 B	2489	14779
162	0099	0811	32941	440 B	2566	14823
162	0148	0806	33470	354 B	2609	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30906	573 B	2420	14745	0000	00000	3733
0010	0725	30876	565 B	2417	14748	0038	00002	3761
0020	0728	30922	560 B	2420	14751	0075	00008	3732
0030	0729	30948	540 B	2422	14754	0113	00017	3716
0050	0734	31185	539 B	2440	14762	0186	00047	3547
0075	0748	3187 B	499 B	2492	14780	0269	00099	3050
0101	0812	32969	438 B	2568	14824	0336	00159	2331
0126	0824 B	3322 I	391 B	2586	14836	0393	00224	2165
*0151	0803	3345 C	351 B	2608	14835	0445	00297	1964

C-REF-NO 002	YR 1968	DEPTH 143	WAVES 1	XX	AIR T	VIS
CONS. NO 070	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 070
LAT 48-194N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-431W	HR 17.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
179	0000	0720 B	30702		2404	14742
179	0005	0711	30670		2402	14739
179	0010	0709	30666		2402	14739
179	0020	0709	30676		2403	14741
179	0030	0716	30765		2409	14746
179	0050	0727	30779		2409	14754
179	0075	0742	31326		2450	14771
179	0100	0772	32958		2573	14808
179	0125	0772	33316		2601	14817

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30702		2404	14742	0000	00000	3885
0010	0709	30666		2402	14739	0039	00002	3898
0020	0709	30676		2403	14741	0078	00008	3892
0030	0716	30765		2409	14746	0117	00018	3836
0050	0727	30779		2409	14754	0194	00050	3841
0075	0742	31326		2450	14771	0286	00108	3456
0101	0772	32958		2573	14808	0358	00170	2284
0126	0772	33316		2601	14817	0412	00232	2021



C-REF-NO 002	YR 1968	DEPTH 119	WAVES 1 XX	AIR T	VIS
CONS. NO 071	MONTH 2	MXSAMPD 01	WAVES 2 XX	WET B	STN 071
LAT 48-222N	DAY 15	NO.DPTH 8	WND-DIR	WW-CODE	
LON 124-006W	HR 18.0	W-COLOR	WND-SPD	CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
180	0000	0710 B	30789		2412	14739
180	0005	0711	30707		2405	14739
180	0010	0709	30709		2406	14739
180	0020	0707	30719		2407	14740
180	0030	0719	30774		2409	14748
180	0050	0724	30832		2413	14754
180	0075	0733	31012		2426	14763
180	0100	0769	33135		2588	14809

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	30789		2412	14739	0000	00000	3807
0010	0709	30709		2406	14739	0039	00002	3865
0020	0707	30719		2407	14740	0077	00008	3858
0030	0719	30774		2409	14748	0116	00018	3833
0050	0724	30832		2413	14754	0193	00049	3793
0075	0733	31012		2426	14763	0287	00109	3677
0101	0769	33135		2588	14809	0360	00172	2148

C-REF--NO 002	YR 1968	DEPTH 192	WAVES 1 XX	AIR T	VIS
CONS. NO 072	MONTH 2	MXSAMPD 02	WAVES 2 XX	WET B	STN 072
LAT 48-187N	DAY 15	NO.DPTH 10	WND-DIR	WW-CODE	
LON 124-040W	HR 18.7	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
187	0000	0730 B	30840	580 B	2413	14748
187	0005	0722	30811	576 B	2412	14745
187	0010	0720	30811		2412	14745
187	0020	0719	30830	580 B	2414	14747
187	0030	0723	30886	552 B	2418	14751
187	0049	0733	31129	530 B	2435	14761
187	0074	0735	31470	538 B	2462	14770
187	0099	0793	32690	460 B	2549	14813
187	0148	0791 B	33630	315 B	2623	14832
187	0173	0791	33619	315 B	2622	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	30840	580 B	2413	14748	0000	00000	3795
0010	0720	30811	579 B	2412	14745	0038	00002	3803
0020	0719	30830	580 B	2414	14747	0076	00008	3789
0030	0723	30886	552 B	2418	14751	0114	00018	3754
0050	0733	3113 B	531 B	2436	14761	0188	00048	3583
0075	0737	3151 C	536 B	2465	14772	0275	00103	3308
0101	0794	32725	456 B	2552	14814	0347	00167	2487
0126	0801 D	3318 I	370 C	2587	14827	0406	00233	2156
0151	0791 B	33642	313 B	2624	14833	0456	00303	1809

C-REF-NO 002	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 073	MONTH 2	MXSAMPD 01	WAVES 2	XX	WET B	STN 073
LAT 48-152N	DAY 15	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-069W	HR 19.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
194	0000	0720 B	31398		2458	14751
194	0005	0726	31368		2455	14754
194	0010	0723	31368		2455	14754
194	0020	0721	31574		2472	14757
194	0030	0734	31374		2454	14761
194	0049	0738	31767		2485	14771
194	0074	0787	32271		2517	14801
194	0099	0832	32802		2552	14829
194	0148	0829	33267		2589	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	31398		2458	14751	0000	00000	3365
0010	0723	31368		2455	14754	0034	00002	3391
0020	0721	31574		2472	14757	0067	00007	3236
0030	0734	31374		2454	14761	0101	00015	3403
0050	0740	31787		2486	14772	0166	00042	3105
0075	0789	32294		2519	14802	0240	00089	2797
0101	0833	32818		2554	14830	0307	00148	2473
0126	0844	3313 C		2576	14842	0366	00216	2262
*0151	0827	33272		2590	14841	0421	00294	2135

C-REF-NO 002	YR 1968	DEPTH 208	WAVES 1	XX	AIR T	VIS
CONS. NO 074	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 074
LAT 48-252N	DAY 15	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-356W	HR 21.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
212	0000	0750 B	31433		2457	14763
212	0005	0738	31387		2455	14759
212	0010	0735	31392		2456	14759
212	0019	0737	31474		2462	14762
212	0029	0757	31729		2479	14775
212	0048	0794	32162		2508	14798
212	0072	0845	32633		2537	14827
212	0097	0848	33089		2572	14839
212	0145	0820	33559		2613	14842
212	0169	0805	33660		2624	14841

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	31433		2457	14763	0000	00000	3377
0010	0735	31392		2456	14759	0034	00002	3388
0020	0739	31496		2463	14763	0068	00007	3317
0030	0759	31753		2481	14776	0100	00015	3153
0050	0799	32203		2510	14801	0161	00040	2874
0075	0847	32692		2542	14829	0229	00083	2583
0101	0847	33131		2576	14839	0290	00137	2261
0126	0835	3341 C		2600	14842	0344	00199	2035
0151	0817	33588		2616	14842	0394	00269	1887



C-REF-NO 002	YR 1968	DEPTH 234	WAVES 1	XX	AIR T	VIS
CONS. NO 075	MONTH 2	MXSAMPD 02	WAVES 2	XX	WET B	STN 075
LAT 48-281N	DAY 15	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-330W	HR 21.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
219 0000		0720 B	30806	676 B	2412	14743
219 0005		0716	30792	594 B	2411	14742
219 0010		0714	30762	616 B	2409	14742
219 0020		0711	30798	600 B	2412	14743
219 0030		0724	31008	550 B	2427	14753
219 0050		0726	31017	544 B	2428	14757
219 0075		0818	32532	540 B	2533	14816
219 0100		0850	33168	443 B	2578	14841
219 0150		0786	33664	306 B	2627	14831
219 0200		0785	33736	302 B	2633	14840
219 0220		0786	33745	304 B	2633	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	30806	676 B	2412	14743	0000	00000	3807
0010	0714	30762	616 B	2409	14742	0038	00002	3833
0020	0711	30798	600 B	2412	14743	0077	00008	3803
0030	0724	31008	550 B	2427	14753	0114	00017	3664
0050	0726	31017	544 B	2428	14757	0188	00048	3663
0075	0818	32532	540 B	2533	14816	0267	00097	2660
0101	0850	33168	443 B	2578	14841	0329	00151	2239
0126	0818 I	3341 I	361 B	2603	14836	0382	00213	2012
0151	0786	33664	306 B	2627	14831	0430	00280	1786
0176	0781 B	3370 I	295 C	2630	14834	0475	00354	1757
0201	0785	33736	302 B	2633	14840	0519	00439	1740

C-REF-NO 002	YR 1968	DEPTH	91	WAVES 1	XX	AIR T	VIS
CONS. NO 076	MONTH 2	MXSAMPD	01	WAVES 2	XX	WET B	STN 076
LAT 48-314N	DAY 15	NO.DPTH	7	WND-DIR		WW-CODE	
LON 124-300W	HR 22.6	W-COLOR		WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP		BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
226	0000	0730 B	30729		2404	14746
226	0005	0717	30695		2404	14742
226	0010	0714	30694		2404	14741
226	0020	0709	30704		2405	14741
226	0030	0707	30715		2406	14742
226	0050		30787			
226	0075	0768	32806		2562	14804

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	30729		2404	14746	0000	00000	3877
0010	0714	30694		2404	14741	0039	00002	3883
0020	0709	30704		2405	14741	0078	00008	3871
0030	0707	30715		2406	14742	0117	00018	3862
0050	0720 B	30787		2410	14752	0194	00050	3827
0075	0768	32806		2562	14801	0272	00097	2387

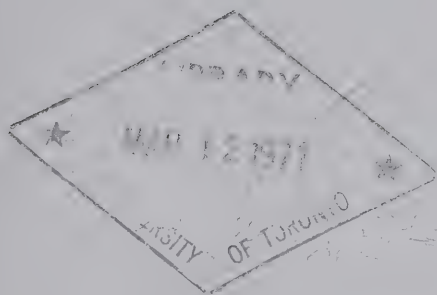
3

Canada Government Publications

16-2

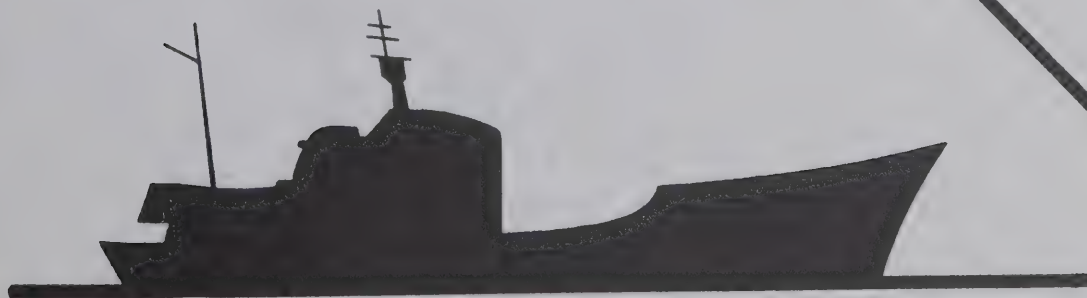
**OCEANOGRAPHIC RECORDS  
FROM TWELVE CRUISES IN  
THE STRAIT OF GEORGIA  
AND JUAN DE FUCA STRAIT  
1968**

**P.B. Crean  
A.B. Ages**



**Volume 3**

**Spring**



**DEPARTMENT OF ENERGY, MINES AND RESOURCES  
MARINE SCIENCES BRANCH, VICTORIA**





**OCEANOGRAPHIC RECORDS  
FROM TWELVE CRUISES IN  
THE STRAIT OF GEORGIA  
AND JUAN DE FUCA STRAIT  
1968**

**P.B. Crean  
A.B. Ages**

**Volume 3    Spring**

**DEPARTMENT OF ENERGY, MINES AND RESOURCES  
MARINE SCIENCES BRANCH, VICTORIA**



DESCRIPTION OF MACHINE-GENERATED DATA RECORD





### NOTE

This listing is an Oceans III run.

Until a data record introduction applicable to the Oceans III program can be prepared, please note the following differences with respect to the attached Oceans II introduction:

- (a) in the interpolated portion of the listing, "pressure" is given instead of "depth".
- (b) where the computer finds that an interpolation error estimate of 5 sigmas (E) or greater would have occurred, it branches to a linear interpolation routine. Such linear interpolations are indicated by an interpolation error estimate of "I" in the listing.



## INTRODUCTION

This section applies to the machine processing phase of the data reduction and computation.

The oceanographic data previously recorded on CODC data summary forms, a sample of which is shown on the next page, are transferred to punch-cards for subsequent electronic data processing on an IBM 1620 computer, using CODC's OCEANS II program. In addition to computing routine derived quantities, the program carries out unit and format conversions, range checks, plausibility tests, internal editing, and if required, interpolation at standard oceanographic depths. When interpolations are carried out, additional derived values are computed.

After the data have been processed, the data record is prepared using an IBM 1401 computer configuration with the OCEAN REPORT III program, which provides for pre-edited high speed print-out on continuous direct-image masters. These masters subsequently yield the required volume of copies for distribution.

Provision has been made to enter an "estimate of precision" for each observed variable selected for interpolation at standard oceanographic depths. The precision depends on the instrument and/or technique used to determine the variable. A standard precision stated as a **standard deviation** ( $\sigma$ ) can be determined for each instrument or technique under routine field conditions by making duplicate determinations of the variables for a homogeneous sample of sea water. These standard deviations are given for each cruise under "GENERAL INFORMATION" in section III of the data record.

The **measurement error estimate** of a specific observation in this data record, is stated as a multiple of the standard deviation derived as above, and entered in a column immediately to the right of the reported variable. In order to distinguish it from an additional decimal digit, the measurement error estimate is recorded alphabetically, (i.e.,  $1\sigma = A$ ,  $2\sigma = B$ , etc.; in this data record "A" is suppressed).

An option is provided with respect to the measurement of the salinity variable. If observed to three decimal digits, the last digit takes the place of the measurement error estimate.

In the past, a number of methods for both manual and machine interpolation have been developed. Studies and comparisons of the several methods have shown that no single method is universally acceptable. The manual methods are the most elaborate and flexible, but often require subjective decisions. In machine interpolation, all the present methods fail to yield acceptable results under some circumstances. Hence, it is considered necessary to qualify interpolated values by stating an "interpolation error estimate" derived from the particular interpolation formula used. There are two purposes in stating the error estimates; first, to give an indication of the quality of the interpolated data; second, to allow the oceanographer to redesign his observational procedures in order to reduce interpolation errors in future observations.

The interpolation scheme chosen for the OCEANS II program consists of a combination of two 3-point interpolations using the Lagrangian interpolation polynomial, as recommended by Rattray (1962). A parabola is fitted through three values of a given variable ( $T$ ,  $S$ ,  $O_2$ ) considered as a function of depth. The two interpolation parabolas require a total of four points (observed depths). The middle points are common to both parabolas. The average of the two values obtained from the parabolas at standard depth is taken as the interpolated value, and a function of their difference as an estimate of the interpolation error.

This function combined with the "measurement error estimate" comprises the "combined measurement and interpolation error estimate". It is expressed as a multiple of the standard deviation of measurement ( $\sigma$ ) under normal routine field conditions by:

## CANADIAN OCEANOGRAPHIC DATA CENTRE

1 IDENT. CODE		2 LATITUDE (N = +)		3 LONGITUDE (W = +)		5 DATE		6 TIME		7 DEPTH		9 NO. DEPTHS OBS'D.		VESSEL			
COUNTRY INST.		DEG. MIN. 1/10		DEG. MIN. 1/10		YEAR MONTH DAY		HOURS G.M.T. 1/10		TO BOTTOM				ENTERED BY		CHECKED BY	
1	8																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
10	WATER	11	WAVES I	12	WAVES II	13	WIND	14	BAROMETER	15	AIR TEMP.	16	WET BULB	17	W.W. CODE	18	CLOUD
20	COLOUR TRANS.	Dw	Dw	Pw	Hw	Dw	Pw	Hw	DIR.	10	10	10	10	10	10	10	10
36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71
72	73	74	75	76	77	78	79	80									
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98
99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116
117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134
135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152
153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188
189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206
207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224
225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242
243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260
261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278
279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296
297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314
315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332
333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350
351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368
369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386
387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404
405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422
423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440
441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458
459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476
477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494
495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512
513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530
531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548
549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566
567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584
585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602
603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620
621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638
639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656
657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674
675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692
693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728
729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746
747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764
765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782
783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800
801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818
819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836
837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854
855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872
873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908
909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926
927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944
945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962
963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980
981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998
999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016
1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034
1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052
1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070
1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088
1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106
1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124
1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142
1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160
1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178
1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196
1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214
1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232
1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250
1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268
1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286
1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304
1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322
1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340
1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358
1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376
1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394
1395	1396	1397	1398	1399	1400	1401	1402	1403									



$$\frac{\sigma_i}{\sigma} = \left\{ \frac{(\Delta V_i)^2}{\sigma^2} + \sum_{n=j-2}^{j+1} (\gamma_n)^2 \left( \frac{\sigma_n}{\sigma} \right)^2 \right\}^{1/2}, \text{ where}$$

$\sigma$  = Standard deviation of the combined error estimates at standard oceanographic depth,

$\Delta V_i$  = the interpolation error estimate of variable "V" at standard oceanographic depth =  $1/3 (\bar{V}_{i_1} - V_{i_2})$

$\gamma$  = Interpolation polynomial coefficient.

$Z_j$  = Observed depth.

$Z_i$  = Standard oceanographic depth, such that:  $Z_{j-2} < Z_{j-1} < Z_i < Z_j < Z_{j+1}$

The integral part of the fraction  $\frac{\sigma_i}{\sigma}$ , if  $\geq 2$ , is reported in this Data Record following the interpolated variable. It represents the combined measurement and interpolation error estimate. In order to distinguish it from an additional decimal digit, it is recorded alphabetically (e.g.: 2 as "B", 3 as "C", etc.).

With respect to the interpolated value of the salinity variable if reported to three decimal digits, the interpolation error estimate is given only when  $\frac{\sigma_i}{\sigma} \geq 2$  (the salinity is then recorded to two decimal places). If less than 2, the mean obtained from the two interpolation parabolas is reported to three decimal places.

## EXPLANATION OF DATA RECORD HEADINGS

### MASTER HEADINGS

(1) C-REF-NO	(6) YR	(11) DEPTH	(16) WAVES 1	(21) AIR T	(26) VIS
(2) CONS. NO	(7) MONTH	(12) MXSAMPD	(17) WAVES 2	(22) WET B	(27) STN
(3) LAT	(8) DAY	(13) NO. DPTH	(18) WND-DIR	(23) ww-CODE	
(4) LON	(9) HR	(14) W-COLOR	(19) WND-FCE	(24) CLD-TPE	
(5) MARSD SQ	(10) C/I	(15) W-TRNSP	(20) BARO	(25) CLD-AMT	(28) HW

- (1) CRUISE REFERENCE NUMBER: Assigned by the Institute. Commences with 001 at the beginning of each year (effective Jan. 1, 1963). Prior to that date the CRN was a number designated by CODC.
- (2) CONSECUTIVE NUMBER: Indicates the chronological order in which the stations were occupied.
- (3) LATITUDE: Indicate the position of the platform at the time of observation.
- (4) LONGITUDE:
- (5) MARSDEN SQUARE: Designates the geographic area code of the observation (see Marsden square chart).
- (6) YEAR:
- (7) MONTH:
- (8) DAY:
- (9) HOUR: The time (Greenwich Mean Time) at which the surface environmental data were recorded. It is reported to tenths of hours (Table 1).  
If an "X" precedes the value for HOUR, (prior to Jan. 1, 1963) it indicates that the reported time is doubtful.
- (10) COUNTRY / INSTITUTE: The International Geophysical Year (IGY) Country Code/Institute Code - see Table 11.
- (11) DEPTH: The sounding reported in metres. If corrected, this is stated in the "GENERAL INFORMATION" chapter of section III. Charted depths are preceded by the letter "C".
- (12) MAXIMUM SAMPLING DEPTH: A code to indicate the deepest sampling depth (used for high speed sorting).
- 00 m - 50 m = 00  
51 m - 150 m = 01  
151 m - 250 m = 02  
etc.

- (13) NUMBER OF DEPTHS: The number of levels observed (this is entered to initiate a computer safety check, guarding against the loss of punch-cards).
- (14) WATER COLOUR: A code based on the percentage of yellow (see table 2 and Note under FIELD "15" below).
- (15) WATER TRANSPARENCY: The depth in metres at which a Secchi disc (white disc, 30 cm. in diameter) just disappears from view, or the optical density expressed in percentage;
- NOTE: The "GENERAL INFORMATION" chapter in section III of the data record will state which method was used.
- (16) WAVES 1  
( $d_w d_w P_w H_w$ -code): The direction, period and height of the wind-propagated wave system. (See Tables 3, 4 and 5). Ref: World Meteorological Organization Codes 0885, 3155, 1555.
- (17) WAVES 2  
( $d_w d_w P_w H_w$ -code): The direction, period and height of the predominant non-wind-propagated wave system. (See Tables 3, 4 and 5). Ref: World Meteorological Organization Codes 0885, 3155, 1555.
- (18) WIND DIRECTION: The true direction to the nearest 10 degrees from which the wind is blowing (wind direction 990 means:—wind variable or direction unknown).
- (19) WIND FORCE (WND-FCE): Beaufort notation (See Table 6).
- WIND SPEED (WND-SPD): Anemometer reading reported in metres per second. Instrument height reported in "GENERAL INFORMATION" chapter of section III.
- (20) BAROMETER: The barometric pressure reported in millibars: the "GENERAL INFORMATION" chapter in Section III of the data record will state the type of instrument used.
- (21) AIR TEMPERATURE: In degrees Celsius.
- (22) WET BULB: In degrees Celsius.
- (23) ww CODE: Present Weather Code (See Table 7). Ref: WMO Code 4677
- (24) CLOUD TYPE: The type of predominating clouds (See Table 8). Ref: WMO Code 0500.
- (25) CLOUD AMOUNT: The sky coverage in eighths (See Table 9) Ref: WMO Code 2700
- (26) VISIBILITY: Visibility at the surface (See Table 10). Ref: WMO Code 4300.
- (27) STATION: A station reference number, assigned by the institute prior to, or during the survey.
- (28) HOURS AFTER HIGH WATER: Indicates the state of the tide for nearshore observations.

## OBSERVED DATA HEADINGS

(1) GMT	(2) DEPTH	(3) TEMP	(4) SAL	(5) OXYGEN	(6) SGMT
(7) SOUND	(8) $PO_4$	(9) -P-	(10) $NO_2$	(11) $NO_3$	(12) $SiO_3$
				(13) pH.	

NOTE: Headings (1) to (7) will always be present. Headings (8) to (13) appear only when one or more additional chemical entries were made.

(1) G.M.T.: The Greenwich Mean Time of (in-situ) thermometer inversion and sea water sample collection.

When a multiple cast was initiated prior to and continued after midnight, the times indicated are uninterrupted by the change of day and appear beyond 24.0 hours. This will be accompanied by a statement: "MULTIPLE CAST CONTINUED NEXT DAY", which is printed following the last level of observed values.

(2) DEPTH: The depth in metres at the reversal time of deepest cast.

(3) TEMPERATURE: Temperatures from deepsea reversing thermometers, read to 0.01° C. Surface temperature measurement procedures are described in the chapter "OBSERVATION PROCEDURES" of section I, and/or the "GENERAL INFORMATION" chapter of section III. An alphabetical character following the temperature value represents the measurement error estimate referred to in the INTRODUCTION to this section.

(4) SALINITY: Salinity as defined by:  $S = 0.03 + 1.805 C1\%$ , reported in:  
a. 1/100 parts per 1000, or  
b. 1/1000 parts per 1000.

In case a: an alphabetical character following the value is the measurement error estimate as referred to under (3).  
In case b: no error estimate indication is provided for, but an additional decimal digit takes its place.

(5) OXYGEN: The concentration of dissolved oxygen expressed in millilitres per litre to 2 decimal places. An alphabetical character following the value is the measurement error estimate as referred to under (3).

(6) SIGMA-T: The specific gravity anomaly as defined by:  $(\text{Specific gravity} - 1) \times 10^3$  (e.g.,  $\sigma_t$  reported as 2456, reads 24.56, and corresponds to a specific gravity of 1.02456).

(7) SOUND: The sound velocity is reported in m/sec. to 1 decimal place (e.g., 1437.9 m/sec.). The computation is carried out using Wilson's formula (1960), expressed in terms of temperature, salinity and total pressure.



(8) PO <sub>4</sub>	Phosphate-Phosphorus reported to hundredths of microgram-atoms per litre.
(9) -P-	Total Phosphorus reported to hundredths of microgram-atoms per litre.
(10) NO <sub>2</sub>	Nitrite-Nitrogen reported to hundredths of microgram-atoms per litre – No dissolved nitrogen included –
(11) NO <sub>3</sub>	Nitrate-Nitrogen reported to tenths of microgram-atoms per litre.
(12) SiO <sub>2</sub>	Silicate-Silicon reported in whole microgram-atoms per litre.
(13) pH	The pH value.

NOTE: "TRC" (trace) is reported when a chemical entry has a value less than the standard deviation of measurement for that particular variable.

# INTERPOLATED DATA HEADINGS

(1) DEPTH	(2) TEMP	(3) SAL	(4) OXYGEN	(5) SGMT	(6) SOUND
(7) DELTA-D	(8) POT-EN	(9) SVA.			

- (1) DEPTH: Standard Oceanographic Depth in whole metres, as well as additional depths: 125, 175, 225, 3500, 4500, 5500, 6500, 7500, 8500, 9500.
- (2) TEMPERATURE: Interpolated value at standard depth, followed by the combined measurement and interpolation error estimate (see "INTRODUCTION" to section II of the data record).
- (3) SALINITY: A. The reported salinity values are measured to three decimal places.  
(i) the interpolation error estimate is less than twice the standard deviation of measurement  
—the interpolated value is reported to three decimal places (e.g., 30.139).  
(ii) the interpolation error estimate is equal to or greater than twice the standard deviation of measurement.  
—the interpolated value is reported to two decimal places, and followed by the interpolation error estimate (e.g., 29.23 C).  
B. The reported salinity values are measured to two decimal places and followed by the measurement error estimate.  
—the interpolated value is reported to two decimal places, and followed by the combined measurement and interpolation error estimate (e.g., 30.59 B).
- (4) OXYGEN: Interpolated value at standard depth, followed by the combined measurement and interpolation error estimate (see "Introduction" to section II of the data record).

- (5) SIGMA-T: Computed from temperature and salinity values at standard oceanographic depth.
- (6) SOUND VELOCITY: Computed from temperature, salinity and total pressure values at standard oceanographic depth, using Wilson's formula (1960).
- (7) DELTA-D: The geo-potential anomaly as defined by:
- $$\Delta D = \int_0^p \delta \rho dp$$
- $\Delta D$  is expressed in dynamic metres ( $10^5$  ergs/gram) and recorded to three decimal places (e.g., 2.345 dyn. metres).
- (8) POTENTIAL ENERGY ANOMALY: The Potential energy anomaly  $\chi$  as defined by:
- $$\chi = 1/g \int_0^p \rho \delta dp = \int_0^z \rho \delta dz$$
- $\chi$  is expressed in units of  $10^6$  ergs/cm<sup>2</sup> and recorded to two decimal places (e.g., 116.44).
- (9) SPECIFIC VOLUME ANOMALY: The specific volume anomaly as defined by:
- $$\delta = \alpha - \alpha_{35.0.P}$$
- $\delta$  is expressed in ml/gr, and conventionally reported as  $10^5 \delta$ , to one decimal place (i.e.,  $\delta$  reported as 1234, reads 123.4, and corresponds to a specific volume anomaly of 0.001234 ml/gr.).

## SPECIAL CHARACTERS

- ‡ (Record mark): is used to indicate inconsistencies which are printed in an area below the "Observed Data". A corresponding record mark at the extreme left hand side indicates the level at which the inconsistency occurs.
- \* (Asterisk): this character may occur in the **interpolated** portion of the data record. It is printed at the extreme left hand side of the page, when three or more standard depth levels fall within any one **observed depth interval**. The **third**, and all consequent levels are preceded by the asterisk to indicate that more than **two** machine interpolations were carried out, utilizing the same set of interpolation parabolas. The asterisk will also appear when the last standard depth is an extrapolation and there are at least two interpolations between the last two observed depths.
- Q: appears occasionally in this data record, preceding an observed oxygen value. This "questionable" indicator infers that the value does not fit the usual pattern of oxygen distribution. "The questionable" value could be due to a sampling error and, generally, is not a result of an error in determination.

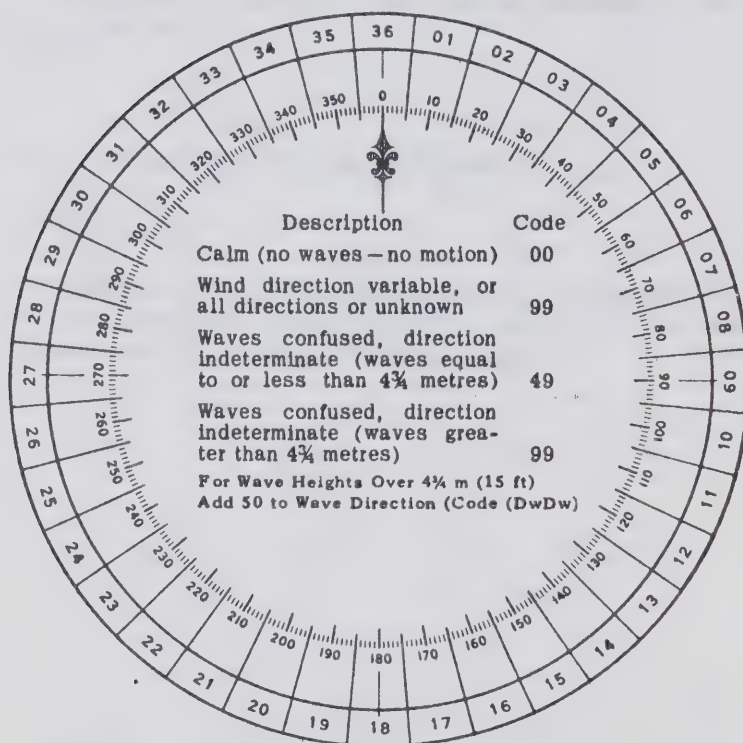
**Table 1**  
**CONVERSION**  
**MINUTES TO  $\frac{1}{4}$  HRS.**

Minutes	Tenths Hrs.
00-03	0
04-08	1
09-15	2
16-20	3
21-27	4
28-32	5
33-39	6
40-44	7
45-51	8
52-56	9
57-59	0 (next HR.)

**Table 2**  
**WATER COLOR CODE**  
**Based on Percentage Yellow**

Code:	Description
00	Deep Blue
10	Blue
20	Greenish Blue
30	Bluish Green
40	Green
50	Light Green
60	Yellowish Green
70	Yellow Green
80	Green Yellow
90	Greenish Yellow
99	Yellow

**Table 3. DIRECTION CODE (dd)**



**NOTE:**

Always use the true direction from which the wind is blowing, or the direction from which Waves I (sea), or Waves II (swell) come.



**Table 4. PERIOD OF THE WAVES (P<sub>w</sub>)**  
(Measure to the Nearest Second)

Code:	Period in Seconds:	Code:	Period in Seconds:
2	5 sec. or less	8	16 or 17 sec.
3	6 or 7 sec.	9	18 or 19 sec.
4	8 or 9 sec.	0	20 or 21 sec.
5	10 or 11 sec.	1	Over 21 sec.
6	12 or 13 sec.	X	Calm, or period not determined
7	14 or 15 sec.		

**Table 5. HEIGHT OF THE WAVES (H<sub>w</sub>)**

- The average value of the wave height (vertical distance between trough and crest) is reported, as obtained from the larger well formed waves of the wave system being observed.
- Each code figure provides for reporting a range of heights. For example: 1 =  $\frac{1}{4}$  m (1 ft) to  $\frac{3}{4}$  m ( $2\frac{1}{2}$  ft); 5 =  $2\frac{1}{4}$  m (7 ft) to  $2\frac{3}{4}$  m (9 ft); 9 =  $4\frac{1}{4}$  m ( $13\frac{1}{2}$  ft) to  $4\frac{3}{4}$  m (15 ft), etc.
- If a wave height comes exactly midway between the heights corresponding to two code figures, the lower code figure is reported; e.g. a height of  $2\frac{3}{4}$  m is reported by code figure 5.

Code			Code
0	Less than ¼ m (1 ft)	Add 50 to Dw Dw	0 5 m (16 ft)
1	½ m ( 1½ ft)		1 5½ m (17½ ft)
2	1 m ( 3 ft)		2 6 m (19 ft)
3	1½ m ( 5 ft)		3 6½ m (21 ft)
4	2 m ( 6½ ft)		4 7 m (22½ ft)
5	2½ m ( 8 ft)		5 7½ m (24 ft)
6	3 m ( 9½ ft)		6 8 m (25½ ft)
7	3½ m (11 ft)		7 8½ m (27 ft)
8	4 m (13 ft)		8 9 m (29 ft)
9	4½ m (14 ft)		9 9½ m (30½ ft) or more
x	Height not determined		

**Table 6. WIND FORCE CODE**

The Beaufort force of the wind is estimated from the appearance of the sea surface, according to the table below. This table is only intended as a guide to show roughly what may be expected on the open sea, remote from land. Factors which must be taken into account are the "lag" effect between the wind increasing and the sea getting up; and the influence of "fetch", depth, swell, heavy rain and tide effect on the appearance of the sea. Estimation of the wind force by this method becomes unreliable in shallow water or when close inshore, owing to the tidal effect and the shelter provided by the land.

Code	Appearance of sea if fetch and duration of the blow have been sufficient to develop the sea fully	Description
00	Sea like a mirror	Calm
01	Ripples with the appearance of scales are formed, but without foam crests.	Light Air
02	Small wavelets; crests have a glassy appearance and do not break.	Light Breeze
03	Large wavelets; crests begin to break; foam of glassy appearance; perhaps scattered white horses.	Gentle Breeze
04	Small waves, becoming longer; fairly frequent white horses.	Moderate breeze
05	Moderate waves; many white horses are formed (chance of some spray)	Fresh Breeze
06	Large waves; white foam crests everywhere (probably some spray)	Strong Breeze
07	Sea heaps up and white foam from breaking waves begins to be blown in streaks along the direction of the wind.	Near Gale
08	Moderately high waves; edges of crests begin to break into the spindrift; foam is blown in well-marked streaks along the direction of the wind.	Gale
09	High waves; dense streaks of foam along wind; crests begin to topple, tumble and roll over; spray may affect visibility.	Strong Gale
10	Very high waves with long overhanging crests; foam in great patches blown in dense white streaks along wind; sea surface takes a white appearance; tumbling becomes heavy and shock-like; visibility affected.	Storm
11	Exceptionally high waves (medium sized ships may be lost to view behind waves); sea covered with long white patches of foam lying along the wind; everywhere edges of crests are blown into froth; visibility affected.	Violent Storm
12	Air is filled with foam and spray; sea completely white with driving spray; visibility seriously affected.	Hurricane

Table 7. PRESENT WEATHER

W.W. CODE

## NO PRECIPITATION ON STATION AT TIME OF OBSERVATION

Code figure ww			
No meteors except photometers	00	Cloud development not observed or not observable	characteristic change of the state of sky during the past hour
	01	Clouds generally dissolving or becoming less developed	
	02	State of sky on the whole unchanged	
Haze, dust, sand or smoke	03	Clouds generally forming or developing	
	04	Visibility reduced by smoke, e.g. veldt or forest fires, industrial smoke or volcanic ashes	
	05	Haze	
	06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation	
	07	Dust or sand raised by wind at or near the station at the time of observation, but no well developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen	
	08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour or at the time of observation, but no dustorm or sandstorm	
	09	Duststorm or sandstorm within sight at the time of observation, or at the station during the preceding hour	
	10	Mist	
	11	Patches of	shallow fog or ice fog at the station, whether on land or sea, not deeper than about 2 metres on land or 10 metres at sea
	12	More of less continuous	
	13	Lightning visible, no thunder heard	
	14	Precipitation within sight, not reaching the ground or the surface of the sea	
	15	Precipitation within sight, reaching the ground or the surface of the sea, but distant (i.e. estimated to be more than 5 km) from the station	
	16	Precipitation within sight, reaching the ground or the surface of the sea, near to, but not at the station	
	17	Thunderstorm, but no precepitation at the time of observation	
	18	Squalls	} at or within sight of the station during the preceding hour or at the time of observation
	19	Funnel clouds	
<hr/>			
ww = 20 - 29		Precipitation, fog, ice fog or thunderstorm at the station during the preceding hour but not at the time of observation	
	20	Drizzle (not freezing) or snow grains	} not falling as shower(s)
	21	Rain (not freezing)	
	22	Snow	
	23	Rain and snow or ice pellets, type (a)	
	24	Freezing drizzle or freezing rain	
	25	Shower (s) of rain	
	26	Shower (s) of snow, or of rain and snow	
	27	Shower (s) of hail, or of rain and hail	
	28	Fog or ice fog	
	29	Thunderstorm (with or without precipitation)	
ww = 30 - 39		Duststorm, sandstorm, drifting or blowing snow	
	30	} Slight or moderate duststorm or sandstorm	- has decreased during the preceding hour
	31		- no appreciable change during the preceding hour
	32		- has begun or has increased during the preceding hour
	33	} Severe duststorm or sandstorm	- has decreased during the preceding hour
	34		- no appreciable change during the preceding hour
	35		- has begun or has increased during the preceding hour
	36	Slight or moderate blowing snow	} generally low (below eye level)
	37	Heavy drifting snow	
	38	Slight or moderate blowing snow	} generally high (above eye level)
	39	Heavy blowing snow	
ww = 40 - 49		Fog or ice fog at the time of observation	
	40	Fog or ice fog at a distance at the time of observation, but not at the station during the preceding hour, the fog or ice fog extending to a level above that of the observer	
	41	Fog or ice fog in patches	
	42	Fog or ice fog, sky visible	} has become thinner during the preceding hour
	43	Fog or ice fog, sky invisible	
	44	Fog or ice fog, sky visible	} no appreciable change during the preceding hour
	45	Fog or ice fog, sky invisible	
	46	Fog or ice fog, sky visible	} has begun or has become thicker during the preceding hour
	47	Fog or ice fog, sky invisible	
	48	Fog, depositing rime, sky visible	
	49	Fog, depositing rime, sky invisible	

## NO PRECIPITATION ON STATION AT TIME OF OBSERVATION



# PRECIPITATION ON STATION AT TIME OF OBSERVATION

## ww = 50 - 59 Drizzle

- |    |  |   |                                      |
|----|--|---|--------------------------------------|
| 50 | Drizzle, not freezing, intermittent          | { | slight at time of observation        |
| 51 | Drizzle, not freezing, continuous            |   |                                      |
| 52 | Drizzle, not freezing, intermittent          | { | moderate at time of observation      |
| 53 | Drizzle, not freezing, continuous            |   |                                      |
| 54 | Drizzle, not freezing, intermittent          | { | heavy (dense) at time of observation |
| 55 | Drizzle, not freezing, continuous            |   |                                      |
| 56 | Drizzle, freezing, slight                    |   |                                      |
| 57 | Drizzle, freezing, moderate or heavy (dense) |   |                                      |
| 58 | Drizzle and rain, slight                     |   |                                      |
| 59 | Drizzle and rain, moderate or heavy          |   |                                      |

## ww = 60 - 69 Rain

- |    |   |   |                                 |
|----|---|---|---------------------------------|
| 60 | Rain, not freezing, intermittent            | { | slight at time of observation   |
| 61 | Rain, not freezing, continuous              |   |                                 |
| 62 | Rain, not freezing, intermittent            | { | moderate at time of observation |
| 63 | Rain, not freezing, continuous              |   |                                 |
| 64 | Rain, not freezing, intermittent            | { | heavy at time of observation    |
| 65 | Rain, not freezing, continuous              |   |                                 |
| 66 | Rain, freezing, slight                      |   |                                 |
| 67 | Rain, freezing, moderate or heavy           |   |                                 |
| 68 | Rain or drizzle and snow, slight            |   |                                 |
| 69 | Rain or drizzle and snow, moderate or heavy |   |                                 |

## 70 - 79 Solid precipitation not in showers

- |    |   |   |                                 |
|----|---|---|---------------------------------|
| ww |   |   |                                 |
| 70 | Intermittent fall of snow flakes                      | { | slight at time of observation   |
| 71 | Continuous fall of snow flakes                        |   |                                 |
| 72 | Intermittent fall of snow flakes                      | { | moderate at time of observation |
| 73 | Continuous fall of snow flakes                        |   |                                 |
| 74 | Intermittent fall of snow flakes                      | { | heavy at time of observation    |
| 75 | Continuous fall of snow flakes                        |   |                                 |
| 76 | Ice prisms (with or without fog)                      |   |                                 |
| 77 | Snow grains (with or without fog)                     |   |                                 |
| 78 | Isolated starlike snow crystals (with or without fog) |   |                                 |
| 79 | Ice pellets, type (a)                                 |   |                                 |

## ww = 80 - 99 Showery precipitation, or precipitation with current or recent thunderstorm

- |    |  |   |   |
|----|--|---|---|
| 80 | Rain shower(s), slight   |   |   |
| 81 | Rain shower(s), moderate or heavy  |   |   |
| 82 | Rain shower(s), violent  |   |   |
| 83 | Shower(s) of rain and snow mixed, slight   |   |   |
| 84 | Shower(s) of rain and snow mixed, moderate or heavy  |   |   |
| 85 | Snow shower(s), slight   |   |   |
| 86 | Snow shower(s), moderate or heavy  |   |   |
| 87 | Shower(s) of snow pellets or ice pellets, type (b), with or without rain                         | { | - slight  |
| 88 | or rain and snow mixed   |   |   |
| 89 | Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder      | { | - moderate or heavy   |
| 90 |  |   |   |
| 91 | Slight rain at time of observation   |   |   |
| 92 | Moderate or heavy rain at time of observation  |   |   |
| 93 | Slight snow, or rain and snow mixed or hail at time of observation                               |   | thunderstorm during the preceding hour but not at time of observation |
| 94 | Moderate or heavy snow, or rain and snow mixed or hail at time of observation                    |   |   |
| 95 | Thunderstorm, slight or moderate, without hail, but with rain and/or snow at time of observation | { | thunderstorm at time of observation                                   |
| 96 | Thunderstorm, slight or moderate, with hail at time of observation                               |   |   |
| 97 | Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation              |   |   |
| 98 | Thunderstorm, combined with duststorm or sandstorm at time of observation                        |   |   |
| 99 | Thunderstorm, heavy, with hail at time of observation  |   |   |

# PRECIPITATION ON STATION AT TIME OF OBSERVATION



**Table 8. CLOUD TYPE CODE**

Code	Cloud Type	Code	Cloud Type
0	Cirrus ..... Ci	5	Nimbostratus ..... Ns
1	Cirrocumulus ..... Cc	6	Stratocumulus ..... Sc
2	Cirrostratus ..... Cs	7	Stratus ..... St
3	Alto cumulus ..... Ac	8	Cumulus ..... Cu
4	Altostratus ..... As	9	Cumulonimbus ..... Cb
X	Cloud not visible owing to darkness, fog, duststorm, sandstorm, or other analogous phenomena		

**Table 9. CLOUD AMOUNT CODE**

Code	Cloud Cover	Code	Cloud Cover
0	0	6	6 oktas
1	1 okta or less, but not zero	7	7 oktas or more, but not 8 oktas
2	2 oktas	8	8 oktas
3	3 oktas	9	Sky obscured, or cloud amount cannot be estimated
4	4 oktas		
5	5 oktas		

Note: 1 okta =  $\frac{1}{8}$  of the sky covered

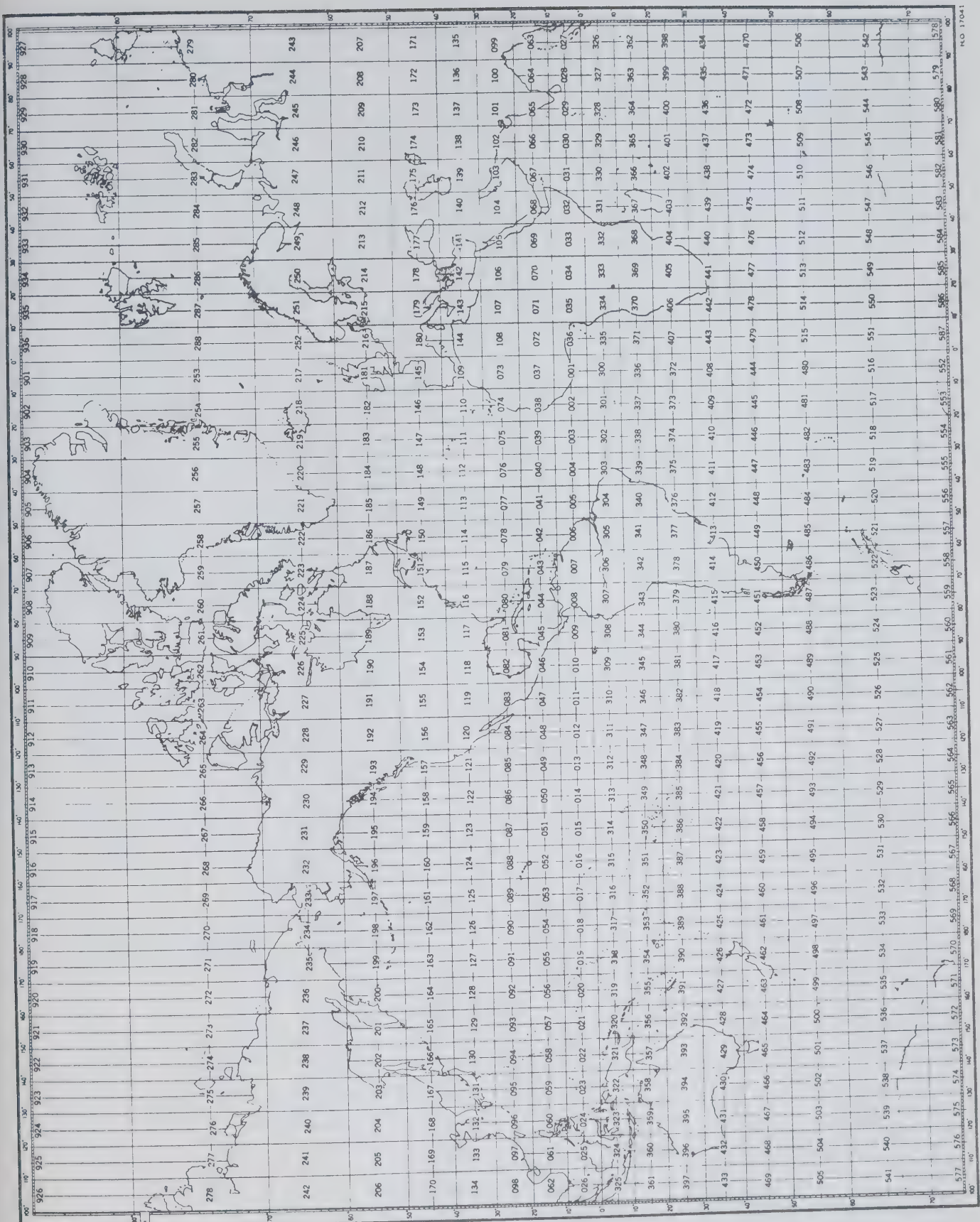
**Table 10. VISIBILITY**

Code	Estimate of hor. Visibility
0	Less than 50 metres (less than 55 yards)
1	50-200 metres (approx. 55-220 yards)
2	200-500 metres (approx. 220-550 yards)
3	500-1,000 metres (approx. 550 yards- $\frac{1}{2}$ n.m.)
4	1-2 km (approx. $\frac{3}{8}$ -1 n.m.)
5	2-4 km (approx. 1-2 n.m.)
6	4-10 km (approx. 2-6 n.m.)
7	10-20 km (approx. 6-12 n.m.)
8	20-50 km (approx. 12-30 n.m.)
9	50 km or more (30 n.m. or more)

Note: n.m. = nautical mile

TABLE 11. INSTITUTE CODE

Code	Institute
01	Marine Ecology Laboratory, Bedford Institute
02	Pacific Oceanographic Group
03	Biological Station, St. Andrews, N.B.
04	Arctic Biological Station, Ste. Anne de Bellevue, P.Q.
05	Biological Station, St. John's Nfld.
06	Station de Biologie Marine, Grande Riviere, P.Q.
07	Marine Sciences Branch, Central Region
08	Defence Research Establishment, Atlantic
09	Defence Research Establishment, Pacific
10	Atlantic Oceanographic Laboratory, Bedford Institute
11	Polar Continental Shelf Project
12	Great Lakes Institute
13	Institute of Oceanography, University of British Columbia
14	Institute of Oceanography, Dalhousie University
15	Marine Sciences Branch, Pacific Region
16	Department of Transport
17	Marine Sciences Centre, McGill University
18	Canadian Forces Maritime Command, East Coast
19	Canadian Forces Maritime Command, West Coast
20	Ontario Water Resources Commission
21	Dept. of National Health and Welfare
22	Inland Waters Branch, Dept. of Energy, Mines and Resources.



MARDEN SQUARE CHART





OCEANOGRAPHIC DATA CRUISE 003/68

18 - 22 MARCH 1968



C-REF-NO 003	YR 1968	DEPTH 88	WAVES 1	XX	AIR T	VIS
CONS. NO 001	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 076
LAT 48-314N	DAY 18	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-300W	HR 12.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
125	0000	0750 B				
125	0005	0836 B	29260		2275	14770
125	0010	0823 B	30338		2361	14779
125	0020	0801	30664		2390	14777
125	0030	0791	30845		2405	14777
125	0050	0790	30941		2413	14781
125	0075	0799	31408		2448	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B							
0010	0823 B	30338		2361	14779	0050	00002	4291
0020	0801	30664		2390	14777	0092	00009	4020
0030	0791	30845		2405	14777	0131	00019	3873
0050	0790	30941		2413	14781	0209	00050	3802
0075	0799	31408		2448	14794	0300	00108	3470

C-REF-NO 003	YR 1968	DEPTH 225	WAVES 1	XX	AIR T	VIS
CONS. NO 002	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 075
LAT 48-280N	DAY 18	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-325W	HR 13.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
131	0000	0900 B	28206	697	2184	14780
131	0005	0875 B	27985	697 B	2170	14768
131	0010	0913 B	28779	659 B	2226	14794
131	0020	0889	29798	626 B	2309	14799
131	0030	0833	30274	585 B	2355	14785
131	0050	0820	30917	568 B	2407	14792
131	0075	0854	31938	557 B	2482	14822
131	0100	0842 B	32478	514 B	2526	14829
131	0150	0844	33142	437 B	2577	14846
131	0210	0809	33508	355 B	2611	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0900 B	28206	697	2184	14780	0000	00000	5987
0010	0913 B	28779	659 B	2226	14794	0058	00003	5579
0020	0889	29798	626 B	2309	14799	0110	00011	4787
0030	0833	30274	585 B	2355	14785	0156	00022	4355
0050	0820	30917	568 B	2407	14792	0238	00056	3862
0075	0854	31938	557 B	2482	14822	0327	00111	3153
0100	0842 B	32478	514 B	2526	14829	0401	00176	2739
0126	0843 B	3286 C	474 B	2556	14838	0466	00251	2456
0151	0844	33142	437 B	2577	14846	0525	00335	2256
0176	0833	33355	401 B	2596	14849	0580	00425	2088
0201	0817	33482	368 B	2608	14849	0631	00523	1974



C-REF-NO 003	YR 1968	DEPTH 179	WAVES 1 XX	AIR T	VIS
CONS. NO 003	MONTH 3	MXSAMPD 02	WAVES 2 XX	WET R	STN 074
LAT 48-250N	DAY 18	NO.DPTH 9	WND-DIR	WW-CODE	
LON 124-355W	HR 13.8	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
138	0000	0900 B	28722		2224	14786
138	0005	0909 B	28712		2222	14790
138	0010	0916 B	28757		2224	14794
138	0019	0874	30246		2347	14799
138	0029	0860	30807		2392	14803
138	0048	0914	31898		2469	14840
138	0072	0914	32323		2502	14849
138	0097	0887	32529		2523	14846
138	0155	0841	33094		2574	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	28722		2224	14786	0000	00000	5603
0010	0916 B	28757		2224	14794	0056	00003	5600
0020	0871	3030 I		2351	14799	0106	00010	4386
0030	0862	3087 B		2397	14804	0148	00021	3951
0050	0916	3195 D		2474	14842	0220	00050	3225
0075	0911	3235 B		2505	14849	0298	00099	2928
0100	0885	32559		2525	14846	0369	00162	2741
0126	0864	3280 I		2548	14846	0435	00238	2536
*0151	0845	3304 B		2570	14845	0496	00324	2329

C-REF-NO 003	YR 1968	DEPTH 166	WAVES 1	XX	AIR T	VIS
CONS. NO 004	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 073
LAT 48-152N	DAY 18	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-070W	HR 15.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SCUND
158	0000	0820 B	30067		2340	14773
158	0005		30419			
158	0010		30607			
158	0020		30662			
158	0030	0800	30686		2392	14781
158	0050	0791	31024		2419	14785
158	0075	0858 B	31959		2483	14827
158	0100	0858	32335		2512	14836
158	0150	0843 B	32921		2560	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SCUND	DELTA-D	POT.EN	SVA
0000	0820 B	30067		2340	14773	0000	00000	4490
0010	0810	30607		2384	14778	0043	00002	4074
0020	0804	30662		2389	14778	0084	00008	4025
0030	0800	30686		2392	14778	0124	00019	4004
0050	0791	31024		2419	14782	0202	00050	3741
0075	0858 B	31959		2483	14824	0288	00105	3142
0100	0858	32335		2512	14833	0364	00172	2868
0126	0857 B	3262 I		2535	14841	0433	00252	2653
0151	0843 B	32921		2560	14843	0497	00341	2419

C-REF-NO 003	YR 1968	DEPTH 192	WAVES 1	XX	AIR T	VIS
CONS. NO 005	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 072
LAT 48-185N	DAY 18	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-040W	HR 16.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SCUND
166	0000	0820 B	30765	590 B	2395	14782
166	0005	0807 B	30823	568 B	2401	14778
166	0010	0808 B	30831	568 B	2402	14780
166	0020	0798	30856	564 B	2405	14778
166	0030	0799	30859	564 B	2405	14780
166	0050	0801	30912	552 B	2409	14785
166	0075	0809	31168	526 B	2428	14795
166	0100	0812	31896	488 B	2484	14810
166	0150	0814	32968	412 B	2568	14833
166	0175	0818	33292	389 B	2593	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	30765	590 B	2395	14782	0000	00000	3968
0010	0808 B	30831	568 B	2402	14780	0040	00002	3904
0020	0798	30856	564 B	2405	14778	0079	00008	3872
0030	0799	30859	564 B	2405	14780	0117	00018	3873
0050	0801	30912	552 B	2409	14785	0195	00050	3839
0075	0809	31168	526 B	2428	14795	0289	00110	3663
0100	0812	31896	488 B	2484	14810	0375	00185	3129
0126	0813	32499	447 B	2532	14822	0448	00269	2685
0151	0814	32968	412 B	2568	14833	0511	00357	2342
0176	0818	33292	389 B	2593	14842	0567	00450	2111

C-REF-NO 003	YR 1968	DEPTH 123	WAVES 1	XX	AIR T	VIS
CONS. NO 006	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 071
LAT 48-221N	DAY 18	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-006W	HR 17.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
175	0000	0840 B	30747		2391	14789
175	0005	0806 B	30727		2394	14777
175	0010	0808 B	30771		2397	14779
175	0020	0802	30864		2405	14780
175	0030	0802	31044		2419	14783
175	0050	0803	31125		2425	14788
175	0075	0809	31303		2439	14797
175	0110	0812	31688		2468	14809

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0840 B	30747		2391	14789	0000	00000	4009
0010	0808 B	30771		2397	14779	0040	00002	3949
0020	0802	30864		2405	14780	0079	00002	3871
0030	0802	31044		2419	14783	0117	00018	3740
0050	0803	31125		2425	14788	0192	00048	3683
0075	0809	31303		2439	14797	0283	00106	3563
0100	0812	31562		2458	14805	0370	00184	3377



C-REF-NO 003	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 070
LAT 48-193N	DAY 18	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-430W	HR 19.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARD		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
191	0000	0840 B	30649		2383	14788
191	0005		30614			
191	0010	0820 B	30653		2386	14783
191	0020	0810	30710		2392	14781
191	0030	0806	30783		2398	14782
191	0050	0804	30894		2407	14786
191	0075	0807	31257		2435	14796
191	0100	0810	31520		2455	14805
191	0125	0815 B	31977		2490	14817

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0840 B	30649		2383	14788	0000	00000	4083
0010	0820 B	30653		2386	14782	0041	00002	4053
0020	0810	30710		2392	14781	0081	00008	3998
0030	0806	30783		2398	14782	0121	00018	3939
0050	0804	30894		2407	14786	0199	00050	3856
0075	0807	31257		2435	14796	0293	00110	3594
0100	0810	31520		2455	14804	0381	00188	3405
0126	0815 B	31977		2490	14816	0462	00282	3076

C-REF-NO 003	YR 1968	DEPTH 179	WAVES 1	XX	AIR T	VIS
CONS. NO 008	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 069
LAT 48-155N	DAY 18	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-430W	HR 19.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
198	0000	0880 B	29984	620	2325	14795
198	0005	0850 B	29972	621 B	2329	14784
198	0010	0841 B	30105	615 B	2340	14783
198	0020	0812	30548	583 B	2379	14779
198	0030	0808	30681	567 B	2390	14781
198	0050	0815	30956	549 B	2411	14791
198	0075	0811	31276	533 B	2436	14797
198	0100	0816	31915	482 B	2485	14812
198	0160	0828	32894	446 B	2560	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	29984	620	2325	14795	0000	00000	4634
0010	0841 B	30105	615 B	2340	14783	0046	00002	4490
0020	0812	30548	583 B	2379	14779	0089	00009	4121
0030	0808	30681	567 B	2390	14781	0130	00019	4018
0050	0815	30956	549 B	2411	14791	0209	00051	3825
0075	0811	31276	533 B	2436	14797	0302	00111	3585
0100	0816	31915	482 B	2485	14812	0386	00185	3120
0126	0820	3232 I	457 B	2517	14823	0461	00271	2827
0151	0826	3273 I	446 B	2548	14834	0528	00366	2536

C-REF-NO 003	YR 1968	DEPTH 135	WAVES 1	XX	AIR T	VIS
CONS. NO 009	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 068
LAT 48-120N	DAY 18	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-430W	HR 20.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

	GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
	206	0000	0880 B	29851		2315	14793
	206	0005	0867 B	29831		2315	14789
	206	0010	0843 B	29970		2329	14782
	206	0020	0827	30212		2351	14781
	206	0030	0817	30384		2366	14781
	206	0050	0814	30508		2376	14784
	206	0075	0817	31747		2472	14806
	206	0100	0818	32114		2501	14815
	206	0120	0818	32185		2506	14819

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	29851		2315	14793	0000	00000	4733
0010	0843 B	29970		2329	14782	0047	00002	4593
0020	0827	30212		2351	14781	0092	00009	4392
0030	0817	30384		2366	14781	0135	00020	4251
0050	0814	30508		2376	14784	0220	00055	4157
0075	0817	31747		2472	14806	0313	00113	3243
0100	0818	32114		2501	14815	0391	00182	2974

C-REF-NO 003	YR 1968	DEPTH 106	WAVES 1	XX	AIR T	VIS
CONS. NO 010	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 067
LAT 48-227N	DAY 18	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-183W	HR 22.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
226	0000	0830 B	30571		2378	14783
226	0005	0793 B	30548		2382	14769
226	0010	0794 B	30566		2383	14771
226	0020	0789	30624		2388	14771
226	0030	0788	30638		2389	14773
226	0050	0789				
226	0075	0795	30690		2393	14787

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	30571		2378	14783	0000	00000	4127
0010	0794 B	30566		2383	14771	0041	00002	4082
0020	0789	30624		2388	14771	0082	00008	4033
0030	0788	30638		2389	14773	0122	00019	4023
0050	0789	3067 B		2392	14777	0203	00052	4001
0075	0795	30690		2393	14784	0304	00116	3999



C-REF-NO 003	YR 1968	DEPTH	99	WAVES 1	XX	AIR T	VIS
CONS. NO 011	MONTH 3	MXSAMPD	01	WAVES 2	XX	WET B	STN 066
LAT 48-195N	DAY 18	NO.DPTH	7	WND-DIR		WW-CODE	
LON 123-140W	HR 23.3	W-COLOR		WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP		BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
233	0000	0870 B	30281		2350	14795
233	0005	0829 B	30261		2354	14780
233	0010	0798 B	30353		2366	14770
233	0020	0789	30448		2374	14769
233	0030	0790	30535		2381	14772
233	0050	0790	30643		2390	14777
233	0075	0798	30927		2411	14788

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	30281		2350	14795	0000	00000	4399
0010	0798 B	30353		2366	14770	0043	00002	4247
0020	0789	30448		2374	14769	0086	00009	4165
0030	0790	30535		2381	14772	0127	00019	4103
0050	0790	30643		2390	14777	0209	00053	4024
0075	0798	30927		2411	14788	0307	00115	3827

C-REF-NO 003	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 012	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 065
LAT 48-157N	DAY 19	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-100W	HR 00.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
000	0000	0880 B	30442	598 B	2361	14801
000	0005	0818 B	30438	596 B	2370	14778
000	0010	0811 B	30447	591 B	2371	14776
000	0020	0799	30477	586 B	2375	14773
000	0030	0793	30498	578 B	2378	14773
000	0050	0797	30601	571 B	2385	14779
000	0075	0803	30746	552 B	2396	14787
000	0100	0805	31095	530 B	2423	14797

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0880 B	30442	598 B	2361	14801	0000	00000	4293
0010	0811 B	30447	591 B	2371	14776	0043	00002	4194
0020	0799	30477	586 B	2375	14773	0085	00009	4156
0030	0793	30498	578 B	2378	14773	0126	00019	4134
0050	0797	30601	571 B	2385	14779	0209	00053	4065
0075	0803	30746	552 B	2396	14787	0309	00117	3969
0100	0805	31095	530 B	2423	14797	0406	00203	3715

C-REF-NO 003	YR 1968	DEPTH 73	WAVES 1 XX	AIR T	VIS
CONS. NO 013	MONTH 3	MXSAMPD 01	WAVES 2 XX	WET B	STN 064
LAT 48-122N	DAY 19	NO.DPTH 6	WND-DIR	WW-CODE	
LON 123-060W	HR 00.6	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000		30526			
006	0005	0820 B	30521		2376	14780
006	0010	0816 B	30668		2388	14781
006	0025	0809	30750		2395	14782
006	0044	0807	30904		2408	14786
006	0054	0806	31003		2415	14788

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000		30526						
0010	0816 B	30668		2388	14781	0041	00002	4036
0020	0811	3072 I		2393	14781	0082	00008	3989
0030	0808	30786		2398	14782	0121	00018	3940
0050	0806	30962		2412	14787	0199	00050	3810

C-REF-NO 003	YR 1968	DEPTH 155	WAVES 1	XX	AIR T	VIS
CONS. NO 014	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 063
LAT 48-145N	DAY 19	NO.DPTH 9	WND-DIR		WW-CODE	
LOD 122-590W	HR 01.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
013	0000	0850 B	30192	586 B	2346	14786
013	0005	0816 B	30198	590 B	2351	14774
013	0010	0816 B	30208	586 B	2352	14775
013	0019	0817	30426	583 B	2369	14779
013	0029	0818	30529	579 B	2377	14783
013	0048	0811	30581	582 B	2382	14784
013	0072	0806	30729	564 B	2394	14788
013	0096	0809	30853	550 B	2403	14794
013	0139	0807	31300	515 B	2439	14806

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0850 B	30192	586 B	2346	14786	0000	00000	4437
0010	0816 B	30208	586 B	2352	14775	0044	00002	4379
0020	0817	30441	583 B	2370	14780	0087	00009	4208
0030	0818	30533	579 B	2377	14783	0129	00020	4141
0050	0810	30592	581 B	2383	14784	0212	00053	4090
0075	0806	30743	562 B	2395	14789	0313	00118	3975
0100	0809	30884	547 B	2406	14796	0412	00206	3877
0126	0808	31128	527 B	2425	14802	0507	00316	3698



C-REF-NO 003	YR 1968	DEPTH 152	WAVES 1	XX	AIR T	VIS
CONS. NO 015	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 062
LAT 48-229N	DAY 19	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-026W	HR 02.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
023	0000	0840 B	30249	583 B	2352	14783
023	0005	0803 B	30250	593 B	2357	14770
023	0010	0802 B	30295	592 B	2361	14771
023	0020	0793	30422	578 B	2372	14770
023	0030	0793	30452	578 B	2374	14772
023	0049	0791	30491	571 B	2378	14775
023	0074	0796 B	30610	559 B	2386	14783
023	0098	0797	30713	564 B	2394	14783
023	0138	0804 B	31164	552 B	2428	14803

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	30249	583 B	2352	14783	0000	00000	4381
0010	0802 B	30295	592 B	2361	14771	0044	00002	4295
0020	0793	30422	578 B	2372	14770	0086	00009	4190
0030	0793	30452	578 B	2374	14772	0128	00019	4169
0050	0791	30495	570 B	2378	14775	0212	00054	4136
0075	0796 B	30613	559 B	2386	14783	0314	00119	4053
0100	0797	30728	564 B	2395	14789	0415	00210	3977
0126	0801	3098 B	558 B	2415	14798	0513	00322	3794

C-REF-NO 003	YR 1968	DEPTH 283	WAVES 1	XX	AIR T	VIS
CONS. NO 016	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 061
LAT 48-292N	DAY 19	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-092W	HR 03.2	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
032	0000	0820 B	30600		2382	14780
032	0005	0797 B	30568		2383	14771
032	0010	0796 B	30568		2383	14772
032	0020	0789	30570		2384	14771
032	0030	0788	30566		2384	14772
032	0050	0789	30573		2384	14776
032	0075	0795	30573		2383	14782
032	0100	0794	30572		2383	14786
032	0150	0794 B	30575		2384	14794
032	0200	0790	30617		2388	14801
032	0250	0793	30713		2395	14812

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	30600		2382	14780	0000	00000	4092
0010	0796 B	30568		2383	14772	0041	00002	4083
0020	0789	30570		2384	14771	0082	00008	4074
0030	0788	30566		2384	14772	0123	00019	4077
0050	0789	30573		2384	14776	0205	00052	4075
0075	0795	30573		2383	14782	0307	00118	4087
0100	0794	30572		2383	14786	0410	00210	4089
0126	0794	30571		2383	14790	0513	00328	4093
0151	0794 B	30575		2384	14794	0616	00473	4093
0176	0792	30590		2385	14797	0718	00644	4081
0201	0790	30617		2388	14801	0821	00841	4063
0226	0791	30659		2391	14806	0922	01062	4037
0251	0793	30713		2395	14812	1023	01308	4002

C-REF-NO 003	YR 1968	DEPTH 304	WAVES 1	XX	AIR T	VIS
CONS. NO 017	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 060
LAT 48-339N	DAY 19	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-128W	HR 04.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
040	0000	0800 B	30223		2355	14767
040	0005	0784 B	30195		2355	14761
040	0010	0784 B	30195		2355	14762
040	0020	0778	30260		2361	14762
040	0030	0779	30306		2365	14765
040	0050	0780	30341		2367	14769
040	0075	0785	30363		2368	14775
040	0100	0787	30424		2373	14781
040	0150	0789	30431		2373	14790
040	0200	0789	30595		2386	14800
040	0250	0797	30805		2401	14814
040	0280	0795	30828		2403	14819

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SV4
0000	0800 B	30223		2355	14767	0000	00000	4346
0010	0784 B	30195		2355	14762	0044	00002	4346
0020	0778	30260		2361	14762	0087	00009	4291
0030	0779	30306		2365	14765	0130	00020	4260
0050	0780	30341		2367	14769	0215	00055	4236
0075	0785	30363		2368	14775	0322	00123	4231
0100	0787	30424		2373	14781	0427	00217	4190
0126	0788	30420		2373	14786	0533	00339	4193
0151	0789	30431		2373	14790	0638	00487	4194
0176	0789	3050 B		2379	14795	0743	00661	4145
0201	0789	30595		2386	14800	0846	00860	4073
0226	0793	30710		2394	14808	0948	01080	4001
0251	0797	30805		2401	14814	1047	01323	3939

C-REF-NO 003	YR 1968	DEPTH 229	WAVES 1	XX	AIR T	VIS
CONS. NO 018	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 059
LAT 48-338N	DAY 19	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-128W	HR 04.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
047	0000	0810 B	30338	577 B	2363	14773
047	0005	0786 B	30341	571 B	2366	14764
047	0010	0786 B	30339	568 B	2366	14765
047	0020	0781	30340	553 B	2367	14765
047	0030	0781	30349	562 B	2368	14766
047	0050	0781	30377	558 B	2370	14770
047	0075	0786	30405	558 B	2371	14776
047	0100	0788	30435	552 B	2374	14782
047	0150	0789	30499	552 B	2378	14791
047	0210	0794	30794	558 B	2401	14806

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0810 B	30338	577 B	2363	14773	0000	00000	4274
0010	0786 B	30339	568 B	2366	14765	0043	00002	4241
0020	0781	30340	553 B	2367	14765	0085	00009	4235
0030	0781	30349	562 B	2368	14766	0128	00020	4230
0050	0781	30377	558 B	2370	14770	0213	00054	4211
0075	0786	30405	558 B	2371	14776	0318	00122	4201
0100	0788	30435	552 B	2374	14782	0423	00216	4184
0126	0789	3045 B	551 B	2375	14786	0528	00337	4171
0151	0789	30499	552 B	2378	14791	0633	00484	4143
0176	0791	30596	554 B	2386	14797	0736	00656	4076
0201	0793	30730	556 B	2396	14804	0837	00850	3982



C-REF-NO 003	YR 1968	DEPTH 287	WAVES 1	XX	AIR T	VIS
CONS. NO 019	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 058
LAT 48-430N	DAY 19	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-142W	HR 05.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
056	0000	0840 B	30080		2338	14781
056	0005	0780 B	30094		2348	14759
056	0010	0781 B	30095		2348	14760
056	0020	0774	30073		2347	14758
056	0030	0776	30080		2347	14761
056	0050	0775	30102		2349	14764
056	0075	0781	30165		2353	14771
056	0100	0783	30195		2355	14777
056	0150	0783	30282		2362	14786
056	0200	0781	30437		2375	14795
056	0275	0789	30572		2384	14812

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0840 B	30080		2338	14781	0000	00000	4507
0010	0781 B	30095		2348	14760	0045	00002	4417
0020	0774	30073		2347	14758	0089	00009	4426
0030	0776	30080		2347	14761	0134	00020	4424
0050	0775	30102		2349	14764	0222	00057	4409
0075	0781	30165		2353	14771	0333	00127	4372
0100	0783	30195		2355	14777	0442	00225	4355
0126	0783	30232		2358	14781	0551	00351	4331
0151	0783	30282		2362	14786	0660	00503	4296
0176	0782	3035 B		2368	14790	0767	00682	4240
0201	0781	30437		2375	14795	0873	00885	4135
0226	0782	30491		2379	14801	0977	01113	4149
0251	0785	30536		2382	14806	1081	01365	4123

C-REF-NO 003	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 020	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 057
LAT 48-440N	DAY 19	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-081W	HR 06.4	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
064	0000	0810 B				
064	0005	0778 B	29954		2337	14756
064	0010	0779 B	29995		2340	14758
064	0020	0775	30070		2347	14759
064	0030	0778	30118		2350	14762
064	0050	0777	30142		2352	14765
064	0075	0782	30266		2361	14773
064	0100	0785	30358		2368	14779
064	0125	0784	30368		2369	14783

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0810 B							
0010	0779 B	29995		2340	14758	0046	00002	4489
0020	0775	30070		2347	14759	0090	00009	4429
0030	0778	30118		2350	14762	0135	00020	4398
0050	0777	30142		2352	14765	0223	00057	4381
0075	0782	30266		2361	14773	0332	00126	4299
0100	0785	30358		2368	14779	0439	00222	4237
0126	0784	30368		2369	14783	0545	00345	4231

C-REF-NO 003	YR 1968	DEPTH 201	WAVES 1	XX	AIR T	VIS
CONS. NO 021	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 056
LAT 48-464N	DAY 19	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-014W	HR 07.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
073	0000	0800 B	29231	611 B	2278	14754
073	0005	0777 B	29350	608 B	2290	14748
073	0010	0778 B	29477	658 B	2300	14751
073	0020	0772	29699	592 B	2318	14753
073	0030	0774	29829	577 B	2328	14757
073	0050	0773	29931	573 B	2336	14761
073	0075	0779	30042	571 B	2344	14769
073	0100	0780	30143		2352	14775
073	0150	0781	30192	587 B	2356	14784
073	0180	0778	30199	568 B	2356	14788

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	29231	611 B	2278	14754	0000	00000	5087
0010	0778 B	29477	658 B	2300	14751	0050	00003	4874
0020	0772	29699	592 B	2318	14753	0098	00010	4703
0030	0774	29829	577 B	2328	14757	0145	00022	4609
0050	0773	29931	573 B	2336	14761	0237	00059	4534
0075	0779	30042	571 B	2344	14769	0349	00131	4460
0100	0780	30143	580 C	2352	14775	0461	00231	4390
0126	0781	3018 B	585 C	2355	14780	0571	00357	4364
0151	0781	30192	587 B	2356	14784	0680	00512	4360
0176	0779	30199	572 B	2356	14787	0790	00694	4355

C-REF-NO 003	YR 1968	DEPTH 119	WAVES 1	XX	AIR T	VIS
CONS. NO 022	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 055
LAT 48-456N	DAY 19	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-586W	HR 08.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
080	0000	0800 B	28378		2211	14743
080	0005	0767 B	28623		2235	14734
080	0010	0769 B	29090		2271	14742
080	0020	0770	29650		2315	14751
080	0030	0772	29806		2327	14756
080	0050	0772	29934		2337	14761
080	0075	0776	30001		2341	14767
080	0100	0778	30010		2342	14772

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	28378		2211	14743	0000	00000	5724
0010	0769 B	29090		2271	14742	0055	00003	5152
0020	0770	29650		2315	14751	0104	00010	4736
0030	0772	29806		2327	14756	0151	00022	4623
0050	0772	29934		2337	14761	0243	00060	4530
0075	0776	30001		2341	14767	0356	00132	4488
0100	0778	30010		2342	14772	0469	00233	4487



C-REF-NO 003	YR 1968	DEPTH 80	WAVES 1 XX	AIR T	VIS
CONS. NO 023	MONTH 3	MXSAMPD 01	WAVES 2 XX	WET B	STN 054
LAT 48-266N	DAY 19	NO.DPTH 7	WND-DIR	WW-CODE	
LON 122-444W	HR 10.2	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
102	0000	0820 B	29845	591 B	2323	14770
102	0005	0780 B	29824	587 B	2327	14755
102	0010	0781 B	29824	587 B	2327	14756
102	0020	0777	29833		2328	14756
102	0030	0779	29863		2330	14759
102	0049	0775 C	29867	582 B	2331	14761
102	0064	0784	29965	574 B	2337	14768

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	29845	591 B	2323	14770	0000	00000	4655
0010	0781 B	29824	587 B	2327	14756	0047	00002	4619
0020	0777	29833	586 B	2328	14756	0093	00009	4609
0030	0779	29863	585 C	2330	14759	0139	00021	4589
0050	0775 C	29871	582 B	2331	14761	0231	00059	4582

C-REF-NO 003	YR 1968	DEPTH 60	WAVES 1	XX	AIR 1	VIS
CONS. NO 024	MONTH 3	MXSAMPD 00	WAVES 2	XX	WET B	STN 053
LAT 48-334N	DAY 19	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-450W	HR 11.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
111	0000	0820 B	29837		2322	14770
111	0005	0778 B	29803		2325	14754
111	0010	0778 B	29811		2326	14755
111	0020	0774	29830		2328	14755
111	0030	0774	29839		2329	14757
111	0050	0774	29860		2330	14761

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	29837		2322	14770	0000	00000	4661
0010	0778 B	29811		2326	14755	0047	00002	4624
0020	0774	29830		2328	14755	0093	00009	4607
0030	0774	29839		2329	14757	0139	00021	4601
0050	0774	29860		2330	14761	0231	00059	4588

C-REF-NO 003	YR 1968	DEPTH 91	WAVES 1	XX	AIR T	VIS
CONS. NO 025	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 052
LAT 48-390N	DAY 19	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-434W	HR 11.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
117	0000	0800 B	29818	596 B	2324	14762
117	0005	0777 B	29783	596	2324	14753
117	0010	0776 B	29784	587 B	2324	14754
117	0020	0769	29787	606 B	2325	14753
117	0030	0769	29790	605 B	2326	14754
117	0050	0771 B	29799	586 B	2326	14759
117	0075	0776	29807	582 B	2326	14765

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	29818	596 B	2324	14762	0000	00000	4648
0010	0776 B	29784	587 B	2324	14754	0047	00002	4643
0020	0769	29787	606 B	2325	14753	0093	00010	4632
0030	0769	29790	605 B	2326	14754	0140	00021	4631
0050	0771 B	29799	586 B	2326	14759	0233	00059	4630
0075	0776	29807	582 B	2326	14765	0349	00134	4632

C-REF-NO 003	YR 1968	DEPTH 170	WAVES 1	XX	AIR T	VIS
CONS. NO 026	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 051
LAT 48-467N	DAY 19	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-520W	HR 12.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARG		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
128	0000	0790 B	29545	604 B	2304	14755
128	0005	0773 B	29371	615	2292	14746
128	0010	0776 B	29575	605 B	2308	14751
128	0020	0768	29691	590 B	2318	14751
128	0030	0769	29724	577 B	2321	14754
128	0050	0771 C	29730	578 B	2321	14758
128	0075	0775	29772	571 B	2323	14764
128	0100	0774	29792	577 B	2325	14768
128	0150	0774 B	29813	564 B	2327	14776

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0790 B	29545	604 B	2304	14755	0000	00000	4840
0010	0776 B	29575	605 B	2308	14751	0048	00002	4798
0020	0768	29691	590 B	2318	14751	0096	00010	4704
0030	0769	29724	577 B	2321	14754	0143	00022	4681
0050	0771 C	29730	578 B	2321	14758	0237	00060	4681
0075	0775	29772	571 B	2323	14764	0354	00135	4657
0100	0774	29792	577 B	2325	14768	0471	00240	4643
0125	0774	29807	573 B	2326	14772	0588	00374	4636
0151	0774 B	29813	564 B	2327	14776	0704	00538	4634



C-REF-NO 003	YR 1968	DEPTH 22	WAVES 1	XX	AIR T	VIS
CONS. NO 027	MONTH 3	MXSAMPD 00	WAVES 2	XX	WET B	STN 050
LAT 48-577N	DAY 19	NO.DPTH 4	WND-DIR		WW-CODE	
LON 122-560W	HR 14.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
140	0000	0800 B	29611		2307	14759
140	0005	0780 B	29601		2309	14752
140	0010	0783 B	29607		2309	14754
140	0015	0781	29630		2312	14755

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0800 B	29611		2307	14759	0000	00000	4803
0010	0783 B	29607		2309	14754	0048	00002	4784

C-REF-NO 003	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 028	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 049
LAT 48-547N	DAY 19	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-596W	HR 14.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
146	0000	0780 B	29655	606 B	2314	14752
146	0005	0775 B	29585	616 B	2309	14750
146	0010	0775 B	29596	609 B	2310	14751
146	0020	0769	29718	583 B	2320	14752
146	0030	0769	29749	574 B	2322	14754
146	0050	0770 C	29784	573 B	2325	14758
146	0074	0774	29794	577 B	2325	14764
146	0099	0773	29802	591 B	2326	14767
146	0134	0771	29842	590 B	2329	14773

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0780 B	29655	606 B	2314	14752	0000	00000	4744
0010	0775 B	29596	609 B	2310	14751	0048	00002	4732
0020	0769	29718	583 B	2320	14752	0095	00010	4694
0030	0769	29749	574 B	2322	14754	0142	00022	4662
0050	0770 C	29784	573 B	2325	14758	0236	00060	4639
0075	0774	29794	578 B	2325	14764	0352	00134	4640
0100	0773	29803	591 B	2326	14768	0468	00239	4634
0126	0772	29829	592 B	2328	14771	0585	00372	4617

C-REF-NO 003	YR 1968	DEPTH 232	WAVES 1	XX	AIR T	VIS
CONS. NO 029	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 048
LAT 48-517N	DAY 19	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-033W	HR 15.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
153	0000	0780 B	26153		2040	14707
153	0005	0775 B	27006		2107	14717
153	0010	0778 B	29001		2263	14744
153	0020	0770	29426		2297	14748
153	0030	0768	29561		2308	14751
153	0050		29702			
153	0075	0774	29730		2320	14766
153	0100	0773	29757		2323	14770
153	0150	0774 B	29848		2330	14780
153	0200	0771	29913		2335	14788
153	0220	0772	29934		2337	14792

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0780 B	26153		2040	14707	0000	00000	7367
0010	0778 B	29001		2263	14744	0063	00003	5231
0020	0770	29426		2297	14748	0114	00010	4903
0030	0768	29561		2308	14751	0163	00023	4801
0050	0770	29702		2319	14757	0258	00062	4700
0075	0774	29730		2320	14763	0376	00137	4688
0100	0773	29757		2323	14767	0493	00242	4668
0125	0773	29801		2326	14772	0610	00377	4639
0151	0774 B	29848		2330	14777	0726	00540	4607
0176	0772	29883		2333	14781	0842	00732	4582
0201	0771	29913		2335	14784	0956	00952	4561

C-REF-NO 003	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 030	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 047
LAT 48-494N	DAY 19	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-061W	HR 16.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
160	0000	0780 B	26586		2074	14713
160	0005	0765 B	26778		2091	14710
160	0010	0755 B	28356		2215	14727
160	0020	0759	28966		2263	14738
160	0030	0774	29200		2279	14749
160	0050	0772 C	29386		2294	14754
160	0075	0769	29725		2321	14761
160	0100	0773	29874		2332	14768
160	0150	0773	29919		2335	14777
160	0170	0770	29964		2339	14780

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0780 B	26586		2074	14713	0000	00000	7041
0010	0755 B	28356		2215	14727	0064	00003	5684
0020	0759	28966		2263	14738	0119	00011	5233
0030	0774	29200		2279	14749	0170	00024	5079
0050	0772 C	29386		2294	14754	0271	00065	4939
0075	0769	29725		2321	14761	0392	00142	4684
0100	0773	29874		2332	14768	0508	00246	4582
0125	0774	2989 I		2333	14773	0623	00378	4569
0151	0773	29919		2335	14777	0737	00539	4554



C-REF-NO 003	YR 1968	DEPTH 174	WAVES 1	XX	AIR T	VIS
CONS. NO 031	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 046
LAT 48-514N	DAY 19	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-108W	HR 16.8	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
168	0000	0780 B	27341	673 B	2133	14722
168	0005	0762 B	28046	634 B	2190	14725
168	0010	0757 B	28619	615 B	2236	14731
168	0020	0754	28980	578 B	2264	14736
168	0030	0756	29201	555 B	2281	14742
168	0050		29472	545 B		
168	0075	0771	29831	546 B	2329	14766
168	0100	0773	29886	574	2333	14772
168	0160	0773	29924	555 B	2336	14782

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0780 B	27341	673 B	2133	14722	0000	00000	6475
0010	0757 B	28619	615 B	2236	14731	0060	00003	5490
0020	0754	28980	578 B	2264	14736	0114	00011	5217
0030	0756	29201	555 B	2281	14742	0165	00024	5055
0050	0763	29472	545 B	2302	14751	0265	00065	4863
0075	0771	29831	546 B	2329	14763	0384	00140	4609
0100	0773	29886	574	2333	14769	0499	00243	4573
0125	0774	2990 I	577	2334	14773	0614	00375	4565
0151	0774	2994 C	564 B	2337	14778	0728	00536	4539

C-REF-NO 003	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 032	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 045
LAT 48-540N	DAY 19	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-084W	HR 17.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
175	0000	0780 B	23686	779 B	1847	14676
175	0005	0776 B	27586	695 B	2152	14725
175	0010	0784 B	28419	682 B	2216	14739
175	0020	0772	29419	618 B	2296	14749
175	0030	0771	29605	602 B	2311	14753
175	0050	0769	29774	583 B	2324	14757
175	0075	0772	29797	591	2326	14763
175	0100	0774	29833	569 B	2328	14768

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0780 B	23686	779 B	1847	14676	0000	00000	9220
0010	0784 B	28419	682 B	2216	14739	0075	00003	5673
0020	0772	29419	618 B	2296	14749	0128	00011	4912
0030	0771	29605	602 B	2311	14753	0176	00023	4772
0050	0769	29774	583 B	2324	14757	0271	00062	4645
0075	0772	29797	591	2326	14763	0387	00136	4635
0100	0774	29833	569 B	2328	14768	0503	00240	4614

C-REF-NO 003	YR 1968	DEPTH 119	WAVES 1	XX	AIR T	VIS
CONS. NO 033	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 044
LAT 48-568N	DAY 19	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-059W	HR 18.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
184	0000	0830 B	28428	774	2211	14756
184	0005	0780 B	29256	678 B	2282	14748
184	0010	0776 B	29408	620 B	2295	14749
184	0020	0769	29697	579 B	2318	14752
184	0030	0769	29767	218 B	2324	14754
184	0050	0769	29836	579 B	2329	14758
184	0075	0773	29859	577 B	2331	14764
184	0100	0772	29871	566 B	2332	14768

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	28428	774	2211	14756	0000	00000	5726
0010	0776 B	29408	620 B	2295	14749	0053	00003	4923
0020	0769	29697	579 B	2318	14752	0102	00010	4700
0030	0769	29767	218 B	2324	14754	0149	00022	4649
0050	0769	29836	579 B	2329	14758	0241	00060	4599
0075	0773	29859	577 B	2331	14764	0357	00134	4590
0100	0772	29871	566 B	2332	14768	0472	00237	4583

C-REF-NO 003	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 034	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET R	STN 043
LAT 49-032N	DAY 19	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-224W	HR 19.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
199	0000	0850 B	18904		1466	14643
199	0005	0766 B	25006		1952	14688
199	0010	0768 B	28241		2205	14731
199	0020	0772	28788		2247	14741
199	0030	0778	29116		2272	14749
199	0050	0761	29511		2305	14751
199	0075	0754	29624		2315	14754
199	0100	0758	29769		2326	14761
199	0150	0789	30164		2352	14787
199	0220	0869	30740		2386	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0850 B	18904		1466	14643	0000	00000	12910
0010	0768 B	28241		2205	14731	0093	00003	5786
0020	0772	28788		2247	14741	0149	00011	5384
0030	0778	29116		2272	14749	0202	00025	5146
0050	0761	29511		2305	14751	0302	00065	4832
0075	0754	29624		2315	14754	0422	00142	4741
0100	0758	29769		2326	14761	0540	00247	4641
0125	0770	2995 B		2339	14773	0655	00379	4519
0151	0789	30164		2352	14787	0767	00537	4392
0176	0812	30364		2365	14802	0876	00717	4278
0201	0842	30570		2377	14820	0982	00921	4169



C-REF-NO 003	YR 1968	DEPTH 326	WAVES 1	XX	AIR T	VIS
CONS. NO 035	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 042
LAT 49-017N	DAY 19	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-262W	HR 21.4	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
214	0000	0820 B	25271	831 B	1966	14711
214	0005	0776 B	26240	812 B	2047	14707
214	0010	0761 B	27460	710 B	2144	14718
214	0020	0764	28494	593 B	2225	14734
214	0030	0777	29046	500 B	2266	14748
214	0050	0790	29316	495 B	2286	14760
214	0075	0788	29531	507 B	2303	14766
214	0100	0750	29622	559	2315	14756
214	0150	0817	30312	440 B	2360	14799
214	0200	0873	30764	330 B	2387	14835
214	0250	0888	30861	293	2392	14850
214	0300	0880	30811	313	2390	14854

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	25271	831 B	1966	14711	0000	00000	8078
0010	0761 B	27460	710 B	2144	14718	0072	00003	6363
0020	0764	28494	593 B	2225	14734	0132	00012	5593
0030	0777	29046	500 B	2266	14748	0186	00026	5197
0050	0790	29316	495 B	2286	14760	0289	00068	5014
0075	0788	29531	507 B	2303	14766	0413	00147	4854
0100	0750	29622	559	2315	14756	0533	00254	4740
0125	0772 D	2996 I	518 D	2339	14773	0649	00387	4514
0151	0817	30312	440 B	2360	14799	0760	00543	4320
0176	0848	3057 B	380 B	2376	14819	0867	00720	4172
0201	0873	30764	330 B	2387	14835	0970	00919	4071
0226	0884	3084 C	303	2392	14844	1072	01140	4032
0251	0888	30861	293	2392	14850	1174	01387	4027
0301	0880	30811	313	2390	14854	1377	01959	4060

C-REF-NO 003	YR 1968	DEPTH 210	WAVES 1	XX	AIR T	VIS
CONS. NO 036	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 041
LAT 49-003N	DAY 19	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-300W	HR 22.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
223	0000	0920 B	27775		2147	14782
223	0005	0778 B	27834		2172	14729
223	0010	0767 B	27933		2181	14726
223	0020	0766	28669		2238	14737
223	0030	0772	28827		2250	14743
223	0050		29038			
223	0075	0792	29291		2284	14767
223	0100	0750	29667		2319	14760
223	0150	0816 B	30316		2360	14802
223	0200	0870	30748		2386	14837

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0920 B	27775		2147	14782	0000	00000	6337
0010	0767 B	27933		2181	14726	0062	00003	6016
0020	0766	28669		2238	14737	0119	00012	5464
0030	0772	28827		2250	14743	0174	00026	5356
0050	0789 C	29038		2264	14756	0280	00069	5221
0075	0792	29291		2284	14764	0409	00151	5039
0100	0750	29667		2319	14757	0531	00260	4706
0125	0783 I	30014		2341	14778	0646	00392	4433
0151	0816 B	30316		2360	14799	0757	00548	4316
0176	0842 B	30558		2376	14816	0864	00725	4176
0201	0870	30748		2386	14833	0967	00924	4078

C-REF-NO 003	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 037	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 040
LAT 49-085N	DAY 19	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-370W	HR 23.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
235	0000	0840 B	23445		1821	14696
235	0005	0770 B	25649		2002	14697
235	0010	0774 B	27279		2129	14721
235	0020	0766	28190		2201	14731
235	0030	0766	28326		2212	14734
235	0050	0792	29310		2285	14760
235	0075	0797	29576		2305	14770
235	0100	0791	29713		2317	14773
235	0120	0797	29862		2328	14781

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	23445		1821	14696	0000	00000	9473
0010	0774 B	27279		2129	14721	0080	00003	6514
0020	0766	28190		2201	14731	0142	00013	5823
0030	0766	28326		2212	14734	0200	00027	5722
0050	0792	29310		2285	14760	0307	00071	5021
0075	0797	29576		2305	14770	0431	00149	4833
0100	0791	29713		2317	14773	0551	00256	4725

C-REF-NO 003	YR 1968	DEPTH 380	WAVES 1	XX	AIR T	VIS
CONS. NO 038	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 039
LAT 49-097N	DAY 20	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-330W	HR 00.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
004	0000	0950 B	21718	1017	1672	14717
004	0005	0774 B	22737	899 B	1774	14662
004	0010	0746 B	25744	680 B	2012	14690
004	0020	0756	28278	596 B	2209	14728
004	0030	0773	28964	512 B	2261	14745
004	0050	0790	29222	487 B	2278	14759
004	0075	0757	29452	552	2301	14753
004	0100	0778	29741	526 B	2321	14769
004	0150	0812 B	30266	468 B	2357	14797
004	0200	0854	30609	374 B	2378	14826
004	0250	0877	30791	313 B	2389	14845
004	0300	0886	30867	293 B	2393	14857
004	0350	0901	30977	256 B	2399	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0950 B	21718	1017	1672	14717	0000	00000	10911
0010	0746 B	25744	680 B	2012	14690	0093	00004	7633
0020	0756	28278	596 B	2209	14728	0160	00014	5744
0030	0773	28964	512 B	2261	14745	0215	00028	5254
0050	0790	29222	487 B	2278	14759	0319	00070	5085
0075	0757	29452	552	2301	14753	0443	00149	4872
0100	0778	29741	526 B	2321	14769	0563	00256	4687
0125	0795	3001 B	500 B	2340	14783	0679	00389	4505
0151	0812 B	30266	468 B	2357	14797	0790	00545	4348
0176	0834	30459	421 B	2369	14812	0898	00724	4237
0201	0854	30609	374 B	2378	14826	1003	00926	4158
0226	0868	30717	339 B	2384	14836	1107	01152	4101
0251	0877	30791	313 B	2389	14845	1210	01401	4063
0301	0886	30867	293 B	2393	14857	1413	01974	4027



C-REF-NO 003	YR 1968	DEPTH 296	WAVES 1	XX	AIR T	VIS
CONS. NO 039	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 039
LAT 49-119N	DAY 20	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-263W	HR 01.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
014	0000	0840 B	25588		1988	14723
014	0005	0773 B	26177		2043	14705
014	0010	0750 B	28160		2201	14723
014	0020	0754	28642		2238	14732
014	0030	0776	29107		2271	14748
014	0050	0756	29402		2297	14748
014	0075	0772	29658		2315	14761
014	0100	0779	29847		2329	14770
014	0150	0810 B	30305		2360	14797
014	0200	0841	30544		2375	14820
014	0250	0874	30775		2388	14843
014	0280	0888	30881		2394	14855

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SWA
0000	0840 B	25588		1988	14723	0000	00000	7865
0010	0750 B	28160		2201	14723	0069	00003	5825
0020	0754	28642		2238	14732	0125	00012	5470
0030	0776	29107		2271	14748	0178	00025	5151
0050	0756	29402		2297	14748	0279	00066	4907
0075	0772	29658		2315	14761	0400	00143	4738
0100	0779	29847		2329	14770	0518	00248	4610
0125	0793	3007 I		2345	14783	0632	00379	4461
0151	0810 B	30305		2360	14797	0742	00534	4316
0176	0825	3043 C		2369	14808	0849	00712	4241
0201	0841	30544		2375	14820	0955	00915	4188
0226	0858	30664		2381	14832	1060	01143	4126
0251	0874	30775		2388	14843	1163	01393	4071

C-REF-NO 003	YR 1968	DEPTH 223	WAVES 1	XX	AIR T	VIS
CONS. NO 040	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 037
LAT 49-136N	DAY 20	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-207W	HR 02.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SCUND
022	0000	0840 B	15515		1203	14597
022	0005	0770 B	24345		1900	14681
022	0010	0760 B	28004		2187	14725
022	0020	0770	28945		2259	14742
022	0030	0778	29221		2280	14751
022	0050		29527			
022	0075	0778	29652		2314	14767
022	0100	0757	29824		2330	14765
022	0150	0775 B	30046		2345	14783
022	0200	0840	30554		2376	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0840 B	15515		1203	14597	0000	00000	15470
0010	0760 B	28004		2187	14725	0107	00003	5954
0020	0770	28945		2259	14742	0163	00011	5263
0030	0778	29221		2280	14751	0215	00025	5068
0050	0785	29527		2303	14760	0314	00065	4850
0075	0778	29652		2314	14763	0435	00142	4752
0100	0757	29824		2330	14762	0552	00247	4597
0125	0758	2993 I		2339	14767	0667	00378	4519
0151	0775 B	30046		2345	14780	0780	00537	4461
0176	0801	30270		2359	14797	0890	00720	4333
0201	0840	30554		2376	14819	0997	00925	4179

C-REF-NO 003	YR 1968	DEPTH 150	WAVES 1	XX	AIR T	VIS
CONS. NO 041	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 036
LAT 49-190N	DAY 20	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-199W	HR 03.5	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
035	0000	0860 B	20708	981 B	1605	14670
035	0005	0759 B	25839	697 B	2018	14696
035	0010	0758 B	27516	615 B	2149	14717
035	0020	0764	28985	552 B	2263	14740
035	0030	0761	29389	545 B	2295	14746
035	0050		29651	521 B		
035	0074	0757	29813	547	2329	14760
035	0099	0763	29906	536 B	2336	14768
035	0134	0766 B	29958	536 B	2339	14776

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	20708	981 B	1605	14670	0000	00000	11558
0010	0758 B	27516	615 B	2149	14717	0089	00003	6317
0020	0764	28985	552 B	2263	14740	0147	00012	5226
0030	0761	29389	545 B	2295	14746	0198	00025	4921
0050	0757	29651	521 B	2316	14751	0295	00064	4721
0075	0757	29818	547	2329	14757	0412	00139	4600
0100	0763	29909	536 B	2336	14765	0527	00241	4542
0125	0765	29954	536 B	2339	14771	0640	00372	4515

C-REF-NO 003	YR 1968	DEPTH 241	WAVES 1	XX	AIR T	VIS
CONS. NO 042	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 035
LAT 49-240N	DAY 20	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-174W	HR 04.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
043	0000	0870 B	18144	978 B	1404	14641
043	0005	0773 B	24343	775 B	1899	14682
043	0010	0756 B	27134	634 B	2120	14712
043	0020	0759	28729	552 B	2244	14735
043	0030	0778	29310	533 B	2287	14752
043	0050	0765	29601	533 B	2311	14754
043	0075	0756	29762	543 B	2325	14756
043	0100	0761	29853	536 B	2332	14763
043	0150	0773 B	30055	533 B	2346	14779
043	0220	0868	30693	345 B	2382	14835

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	18144	978 B	1404	14641	0000	00000	13508
0010	0756 B	27134	634 B	2120	14712	0100	00003	6601
0020	0759	28729	552 B	2244	14735	0161	00012	5411
0030	0778	29310	533 B	2287	14752	0213	00025	5002
0050	0765	29601	533 B	2311	14754	0311	00065	4769
0075	0756	29762	543 B	2325	14756	0429	00141	4641
0100	0761	29853	536 B	2332	14763	0545	00244	4582
0125	0764 B	2993 C	540 B	2338	14770	0659	00375	4523
0151	0773 B	30055	533 B	2346	14779	0772	00534	4452
0176	0797 B	30239	488 B	2357	14795	0882	00718	4351
0201	0832	30472	418 B	2370	14815	0990	00924	4228



C-REF-NO 003	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 043	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 034
LAT 49-305N	DAY 20	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-196W	HR 05.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
053	0000	0760 B	23729		1853	14668
053	0005	0741 B	26216		2050	14693
053	0010	0757 B	28247		2207	14726
053	0020	0775	29041		2266	14745
053	0030	0784	29332		2288	14754
053	0050	0793	29647		2311	14765
053	0075	0788	29830		2326	14770
053	0100	0797	29981		2337	14779
053	0150	0835	30238		2352	14805
053	0220	0876	30649		2378	14833

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0760 B	23729		1853	14668	0000	00000	9165
0010	0757 B	28247		2207	14726	0075	00003	5768
0020	0775	29041		2266	14745	0130	00011	5198
0030	0784	29332		2288	14754	0181	00024	4994
0050	0793	29647		2311	14765	0279	00064	4772
0075	0788	29830		2326	14770	0397	00139	4631
0100	0797	29981		2337	14779	0512	00242	4533
0125	0815	3011 B		2345	14792	0625	00372	4463
0151	0835	30238		2352	14805	0736	00528	4400
0176	0851	30380		2360	14817	0846	00711	4320
0201	0865	30527		2370	14829	0953	00917	4235

C-REF-NO 003	YR 1968	DEPTH 170	WAVES 1	XX	AIR T	VIS
CONS. NO 044	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 033
LAT 49-325N	DAY 20	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-162W	HR 06.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
060	0000	0800 B	21831	780 B	1700	14660
060	0005	0744 B	26272	633 B	2054	14695
060	0010	0754 B	28173	579 B	2201	14724
060	0020	0772	29002	545 B	2264	14744
060	0030	0789	29464	520 B	2297	14758
060	0050	0790	29718	520 B	2317	14765
060	0075	0782	29832	514 B	2327	14767
060	0100	0792	29968	501 B	2336	14777
060	0150	0795	30139	495 B	2349	14789

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	21831	780 B	1700	14660	0000	00000	10641
0010	0754 B	28173	579 B	2201	14724	0082	00003	5820
0020	0772	29002	545 B	2264	14744	0138	00011	5224
0030	0789	29464	520 B	2297	14758	0188	00024	4901
0050	0790	29718	520 B	2317	14765	0285	00063	4716
0075	0782	29832	514 B	2327	14767	0402	00138	4622
0100	0792	29968	501 B	2336	14777	0517	00241	4537
0125	0795	30067	496 B	2344	14784	0630	00371	4470
0151	0795	30139	495 B	2349	14789	0742	00528	4420

C-REF-NO 003	YR 1968	DEPTH 241	WAVES 1	XX	AIR T	VIS
CONS. NO 045	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 032
LAT 49-387N	DAY 20	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-144W	HR 07.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
070	0000	0750 B	10751	864 B	0839	14501
070	0005	0738 B	25967	640 B	2031	14689
070	0010	0756 B	27943	577 B	2183	14722
070	0020	0778	28971	527 B	2260	14746
070	0030	0791	29364	500 B	2289	14757
070	0050	0810	29653	491 B	2309	14772
070	0075	0832	29938	415 B	2329	14788
070	0100	0882	30252	260 B	2346	14815
070	0150	0876	30293	198 B	2350	14822
070	0220	0871	30308	110 B	2352	14831

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	10751	864 B	0839	14501	0000	00000	19033
0010	0756 B	27943	577 B	2183	14722	0125	00003	5995
0020	0778	28971	527 B	2260	14746	0181	00011	5254
0030	0791	29364	500 B	2289	14757	0232	00024	4979
0050	0810	29653	491 B	2309	14772	0330	00064	4790
0075	0832	29938	415 B	2329	14788	0448	00139	4610
0100	0882	30252	260 B	2346	14815	0562	00241	4449
0125	0888 C	3027 I	229 I	2347	14822	0674	00369	4446
0151	0876	30293	198 B	2350	14822	0785	00526	4418
0176	0877	3031 C	160 B	2352	14826	0896	00710	4403
0201	0874	3032 C	130 B	2352	14830	1007	00922	4400

C-REF-NO 003	YR 1968	DEPTH 229	WAVES 1	XX	AIR T	VIS
CONS. NO 046	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 031
LAT 49-315N	DAY 20	NO.DPTH 10	WND-DIR		WW-CCDE	
LON 123-271W	HR 08.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
086	0000	0870 B	12931	973 B	0998	14577
086	0005	0734 B	25759	643 B	2015	14685
086	0010	0759 B	28375	573 B	2216	14729
086	0020	0782	29086	529 B	2269	14749
086	0030	0796	29371	520 B	2289	14760
086	0050	0802	29648	495 B	2310	14769
086	0075	0804	29850	488 B	2326	14776
086	0100	0828	30031	463 B	2336	14792
086	0150	0864	30275	422 B	2350	14817
086	0200	0876	30601	344 B	2374	14834

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	12931	973 B	0998	14577	0000	00000	17472
0010	0759 B	28375	573 B	2216	14729	0115	00003	5675
0020	0782	29086	529 B	2269	14749	0170	00011	5173
0030	0796	29371	520 B	2289	14760	0221	00024	4980
0050	0802	29648	495 B	2310	14769	0319	00064	4784
0075	0804	29850	488 B	2326	14776	0437	00139	4639
0100	0828	30031	463 B	2336	14792	0552	00242	4538
0125	0848	3015 C	444 B	2343	14805	0665	00372	4475
0151	0864	30275	422 B	2350	14817	0777	00529	4414
0176	0873	30431	387 B	2361	14826	0887	00711	4314
0201	0876	30601	344 B	2374	14834	0993	00916	4195



C-REF-NO 003	YR 1968	DEPTH 247	WAVES 1 XX	AIR T	VIS
CONS. NO 047	MONTH 3	MXSAMPD 02	WAVES 2 XX	WET B	STN 030
LAT 49-253N	DAY 20	NO.DPTH 10	WND-DIR	WW-CODE	
LOD 123-223W	HR 09.8	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
098	0000	0790 B	19737		1538	14630
098	0005	0739 B	23680		1852	14660
098	0010	0749 B	27688		2164	14716
098	0020	0771	28945		2259	14743
098	0030	0779	29339		2289	14752
098	0050		29618			
098	0075	0784	29784		2323	14771
098	0100	0811	29942		2332	14787
098	0150	0799	30175		2352	14794
098	0200	0860	30572		2374	14831

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0790 B	19737		1538	14630	0000	00000	12212
0010	0749 B	27688		2164	14716	0092	00003	6177
0020	0771	28945		2259	14743	0149	00012	5265
0030	0779	29339		2289	14752	0201	00025	4981
0050	0781 C	29618		2311	14760	0299	00065	4777
0075	0784	29784		2323	14767	0417	00140	4660
0100	0811	29942		2332	14784	0533	00244	4582
0125	0806 C	3005 D		2341	14788	0647	00375	4494
0151	0799	30175		2352	14791	0759	00532	4398
0176	0822	30356		2363	14806	0868	00713	4299
0201	0860	30572		2374	14827	0975	00918	4194

C-REF-NO 003	YR 1968	DEPTH 185	WAVES 1	XX	AIR T	VIS
CONS. NO 048	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 029
LAT 49-235N	DAY 20	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-255W	HR 10.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
106	0000	0820 B	21129	957 B	1643	14659
106	0005	0779 B	23002	857 B	1794	14667
106	0010	0758 B	28301	588 B	2211	14728
106	0020	0769	28963	595 B	2261	14742
106	0030	0782	29268	558 B	2283	14753
106	0050	0781	29607	514 B	2310	14760
106	0075	0777	29770	519 B	2323	14765
106	0100	0782	29912	519 B	2333	14772
106	0150	0837 B	30285	436 B	2355	14807

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	21129	957 B	1643	14659	0000	00000	11194
0010	0758 B	28301	588 B	2211	14728	0085	00003	5729
0020	0769	28963	595 B	2261	14742	0140	00011	5248
0030	0782	29268	558 B	2283	14753	0191	00024	5038
0050	0781	29607	514 B	2310	14760	0290	00064	4786
0075	0777	29770	519 B	2323	14765	0408	00140	4662
0100	0782	29912	519 B	2333	14772	0524	00243	4565
0125	0802	30087	490 B	2344	14787	0638	00374	4465
0151	0837 B	30285	436 B	2355	14807	0749	00530	4368

C-REF-NO 003	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 049	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 029
LAT 49-240N	DAY 20	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-455W	HR 12.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
120	0000	0790 B	23066		1798	14672
120	0005	0799 B	23588		1837	14683
120	0010	0766 B	25627		2001	14696
120	0020	0770	29050		2268	14744
120	0030	0771	29296		2287	14749
120	0050		29508			
120	0075	0759	29767		2325	14761
120	0100	0770	29873		2332	14770

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0790 B	23066		1798	14672	0000	00000	9699
0010	0766 B	25627		2001	14696	0087	00004	7743
0020	0770	29050		2268	14744	0152	00013	5185
0030	0771	29296		2287	14749	0203	00026	5003
0050	0765 B	29508		2304	14752	0302	00066	4838
0075	0759	29767		2325	14757	0421	00142	4641
0100	0770	29873		2332	14767	0537	00246	4578

C-REF-NO 003	YR 1968	DEPTH 384	WAVES 1	XX	AIR T	VIS
CONS. NO 050	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 027
LAT 49-190N	DAY 20	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-482W	HR 12.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
129	0000	0780 B	24186	851 B	1886	14682
129	0005	0777 B	23928	865 B	1866	14678
129	0010	0765 B	24787	785 B	1935	14685
129	0020	0754	26974	680 B	2107	14711
129	0030	0772	28724	552 B	2242	14742
129	0050	0787	29459	508 B	2297	14760
129	0074	0794	29731	501 B	2318	14771
129	0099	0780	29921	508	2334	14772
129	0148	0794 B	30218	488 B	2356	14789
129	0198	0849	30593	378	2377	14823
129	0247	0871	30744	339 B	2386	14841
129	0297	0892	30899	271 B	2395	14860
129	0346	0900	30952	261 B	2398	14871

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0780 B	24186	851 B	1886	14682	0000	00000	3844
0010	0765 B	24787	785 B	1935	14685	0086	00004	3374
0020	0754	26974	680 B	2107	14711	0162	00015	6718
0030	0772	28724	552 B	2242	14742	0222	00031	5433
0050	0787	29459	508 B	2297	14760	0326	00072	4904
0075	0794	29740	501 B	2318	14771	0447	00149	4705
0100	0780	29927	508	2335	14772	0563	00253	4551
0125	0782	3008 C	506	2347	14779	0676	00383	4442
0151	0796 B	30234	484 B	2357	14790	0786	00538	4349
0176	0823 B	3043 D	430 C	2368	14807	0894	00717	4244
0201	0850	30601	376	2378	14824	1000	00919	4158
0226	0863	3068 C	354 B	2383	14834	1104	01145	4115
0251	0872	30755	334 B	2386	14843	1207	01396	4084
0301	0893	30905	269 B	2395	14860	1410	01968	4010



C-REF-NO 003	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 051	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 026
LAT 49-143N	DAY 20	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-509W	HR 14.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
140	0000	0740 B	22397		1751	14643
140	0005	0751 B	25203		1969	14684
140	0010	0757 B	26688		2085	14706
140	0019	0750	27552		2153	14716
140	0029	0761	28242		2206	14731
140	0048		28897			
140	0071	0799	29406		2292	14771
140	0095	0800	29720		2316	14779
140	0143	0811	30264		2357	14798
140	0190	0853	30596		2377	14826

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	22397		1751	14643	0000	00000	10147
0010	0757 B	26688		2085	14706	0085	00004	6937
0020	0751	27633		2159	14718	0151	00013	6222
0030	0762	2829 B		2209	14732	0211	00029	5744
0050	0784	28951		2258	14753	0322	00073	5278
0075	0800	2946 B		2296	14769	0450	00154	4917
0100	0800	29784		2321	14778	0570	00262	4684
0125	0804	3007 B		2343	14787	0685	00394	4474
0151	0815	30325		2361	14799	0796	00549	4309
0176	0836	30511		2373	14813	0902	00726	4204

C-REF-NO 003	YR 1968	DEPTH 316	WAVES 1	XX	AIR T	VIS
CONS. NO 052	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 05
LAT 49-276N	DAY 20	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-074W	HR 15.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	C000	0760 B	24415		1907	14677
158	0005	0770 R	25660		2003	14698
158	0010	0765 B	26239		2048	14704
158	0020	0757	27450		2144	14718
158	0030	0763	28044		2190	14729
158	0050	0784	29321		2287	14757
158	0075	0770	29682		2317	14761
158	0100	0766	29863		2332	14766
158	C150	0819	30201		2351	14799
158	0200	0857	30532		2371	14826
158	0250	0878	30739		2384	14845
158	0300	0892	30864		2392	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0760 B	24415		1907	14677	0000	00000	864
0010	0765 B	26239		2048	14704	0080	00004	728
0020	0757	27450		2144	14718	0148	00014	636
0030	0763	28044		2190	14729	0210	00030	592
0050	0784	29321		2287	14757	0319	00073	500
0075	0770	29682		2317	14761	0441	00151	471
0100	0766	29863		2332	14766	0558	00255	458
0125	0788 B	30034		2342	14781	0672	00386	448
0151	0819	30201		2351	14799	0784	00543	440
0176	0840	3037 B		2362	14813	0893	00725	430
0201	0857	30532		2371	14826	1000	00930	421
0226	0869	30648		2379	14836	1105	01159	415
0251	0878	30739		2384	14845	1209	01411	410
0301	0892	30864		2392	14860	1414	01987	403

C-REF-NO 003	YR 1968	DEPTH 384	WAVES 1	XX	AIR T	VIS
CONS. NO 053	MONTH 3	MXSAMPD 04	WAVES 2	XX	WET B	STN 024
LAT 49-302N	DAY 20	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-060W	HR 16.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
166	0000	0800 B	23991	890 B	1869	14687
166	0005	0777 B	25312	827 B	1975	14696
166	0010	0768 B	26146	692	2041	14704
166	0020	0759	27545	705 B	2151	14720
166	0030	0769	28407	564 B	2217	14737
166	0050	0781	29386	503	2292	14757
166	0075	0768	29695	529 B	2318	14760
166	0100	0768	29877	524 B	2333	14767
166	0150	0792	30186	495 B	2354	14788
166	0200	0844	30506	401 B	2371	14820
166	0250	0873	30692	349 B	2381	14842
166	0300	0891	30866	278 B	2392	14859
166	0400	0902	30970	254 B	2399	14881

DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0800 B	23991	890 B	1869	14687	0000	00000	3014
0010	0768 B	26146	692	2041	14704	0082	00004	7357
0020	0759	27545	705 B	2151	14720	0150	00014	6298
0030	0769	28407	564 B	2217	14737	0210	00029	5854
0050	0781	29386	503	2292	14757	0317	00072	4950
0075	0768	29695	529 B	2318	14760	0438	00149	4706
0100	0768	29877	524 B	2333	14767	0554	00253	4572
0125	0776	30035	515 B	2344	14776	0668	00383	4468
0151	0792	30186	495 B	2354	14788	0779	00539	4380
0176	0818	3035 B	449 B	2363	14804	0888	00720	4293
0201	0844	30506	401 B	2371	14820	0995	00926	4220
0226	0861	3060 B	374 B	2377	14832	1100	01155	4172
0251	0873	30692	349 B	2381	14842	1205	01408	4131
0301	0891	30866	278 B	2392	14859	1410	01986	4036
0402	0902	30970	254 B	2399	14881	1814	03432	3939



C-REF-NO 003	YR 1968	DEPTH 426	WAVES 1	XX	AIR T	VIS
CONS. NO 054	MONTH 3	MXSAMPD 04	WAVES 2	XX	WET B	STN 023
LAT 49-351N	DAY 20	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-098W	HR 17.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
177	0000	0840 B	24252		1884	14706
177	0005	0793 B	24525		1911	14692
177	0010	0768 B	26003		2030	14702
177	0020	0759	27243		2128	14716
177	0030	0781	28805		2247	14746
177	0050	0786	29529		2303	14761
177	0075	0775	29722		2320	14763
177	0100	0781	29923		2334	14772
177	0150	0818	30246		2355	14799
177	0200	0855	30501		2369	14825
177	0250	0883	30735		2383	14846
177	0300	0896	30882		2393	14861
177	0400	0901	30954		2398	14881

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	24252		1884	14706	0000	00000	8867
0010	0768 B	26003		2030	14702	0082	00004	7464
0020	0759	27243		2128	14716	0152	00014	6523
0030	0781	28805		2247	14746	0211	00029	5384
0050	0786	29529		2303	14761	0314	00071	4850
0075	0775	29722		2320	14763	0434	00147	4695
0100	0781	29923		2334	14772	0550	00251	4555
0125	0797	30095		2346	14785	0663	00381	4451
0151	0818	30246		2355	14799	0774	00536	4371
0176	0837	30379		2362	14812	0883	00717	4301
0201	0855	30501		2369	14825	0990	00923	4240
0226	0870	30625		2377	14836	1096	01153	4173
0251	0883	30735		2383	14846	1200	01406	4114
0301	0896	30882		2393	14861	1405	01982	4031
0402	0901	30954		2398	14881	1809	03430	4001



C-REF-NO 003	YR 1968	DEPTH 347	WAVES 1	XX	AIR T	VIS
CONS. NO 055	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 022
LAT 49-402N	DAY 20	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-153W	HR 19.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
190	0000	0810 B	24409		1900	14697
190	0005	0768 B	24715		1929	14685
190	0010	0769 B	26217		2046	14705
190	0020	0763	27957		2183	14727
190	0030	0781	28835		2249	14747
190	0050	0798	29496		2299	14765
190	0075	0784	29742		2320	14767
190	0100	0788	29896		2331	14775
190	0150	0861	30297		2352	14816
190	0200	0873	30571		2372	14832
190	0250	0889	30754		2384	14849
190	0300	0895	30885		2393	14861

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0810 B	24409		1900	14697	0000	00000	8712
0010	0769 B	26217		2046	14705	0080	00004	7305
0020	0763	27957		2183	14727	0147	00014	5994
0030	0781	28835		2249	14747	0204	00028	5361
0050	0798	29496		2299	14765	0307	00070	4891
0075	0784	29742		2320	14767	0427	00146	4692
0100	0788	29896		2331	14775	0543	00250	4585
0125	0823 C	3009 D		2342	14795	0657	00381	4486
0151	0861	30297		2352	14816	0769	00538	4393
0176	0871 B	30448		2363	14826	0878	00719	4299
0201	0873	30571		2372	14832	0985	00924	4214
0226	0881	30671		2379	14841	1090	01153	4155
0251	0889	30754		2384	14849	1194	01405	4108
0301	0895	30885		2393	14861	1398	01980	4028

C-REF-NO 003	YR 1968	DEPTH 316	WAVES 1	XX	AIR T	VIS
CONS. NO 056	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 021
LAT 49-448N	DAY 20	NO.DPTH 12	WND-DIR		WW-CCDE	
LON 124-220W	HR 19.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
199	0000	0850 B	20934		1624	14668
199	0005	0779 B	25176		1964	14695
199	0010	0774 B	26090		2036	14705
199	0020	0760	27327		2134	14717
199	0030	0768	28385		2216	14736
199	0050	0799	29544		2302	14766
199	0075	0792	29810		2324	14771
199	0100	0791	29947		2335	14776
199	0150	0870	30384		2358	14821
199	0200	0891	30654		2376	14840
199	0250	0897	30808		2387	14853
199	0300	0897	30910		2395	14862

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	20934		1624	14668	0000	00000	11376
0010	0774 B	26090		2036	14705	0094	00004	7406
0020	0760	27327		2134	14717	0163	00014	6461
0030	0768	28385		2216	14736	0224	00029	5630
0050	0799	29544		2302	14766	0330	00072	4857
0075	0792	29810		2324	14771	0449	00148	4651
0100	0791	29947		2335	14776	0565	00251	4550
0125	0827 D	3016 I		2347	14797	0678	00381	4441
0151	0870	30384		2358	14821	0788	00535	4341
0176	0885	30537		2368	14832	0896	00715	4253
0201	0891	30654		2376	14840	1002	00918	4178
0226	0895	30741		2382	14847	1106	01145	4124
0251	0897	30808		2387	14853	1209	01395	4080
0301	0897	30910		2395	14862	1413	01968	4012

C-REF-NO 003	YR 1968	DEPTH 307	WAVES 1 XX	AIR T	VIS
CONS. NO 057	MONTH 3	MXSAMPD 03	WAVES 2 XX	WET B	STN 020
LAT 49-472N	DAY 20	NO.DPTH 12	WND-DIR	WW-CODE	
LON 124-323W	HR 21.0	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
210	0000	0820 B	24693	875 B	1921	14704
210	0005	0784 B	25607	871 B	1997	14702
210	0010	0774 B	26516	795 B	2069	14711
210	0020	0760	27057	723 B	2113	14714
210	0030	0772	28420	558 B	2218	14738
210	0050	0797	29479	476 B	2298	14765
210	0075	0784	29789	505	2324	14768
210	0100	0796	29933	395 B	2333	14778
210	0150	0867 B	30309	412 B	2352	14818
210	0200	0895	30599	336 B	2371	14841
210	0250	0900	30804	281 B	2386	14854
210	0275	0899	30869	256 B	2391	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	24693	875 B	1921	14704	0000	00000	8511
0010	0774 B	26516	795 B	2069	14711	0078	00004	7087
0020	0760	27057	723 B	2113	14714	0147	00014	6664
0030	0772	28420	558 B	2218	14738	0209	00030	5659
0050	0797	29479	476 B	2298	14765	0315	00072	4903
0075	0784	29789	505	2324	14768	0435	00148	4657
0100	0796	29933	395 B	2333	14778	0550	00252	4568
0125	0830 C	3011 C	403 I	2343	14798	0664	00382	4479
0151	0867 B	30309	412 B	2352	14818	0775	00539	4392
0176	0885	30465	378 B	2362	14831	0885	00720	4306
0201	0895	30599	336 B	2371	14841	0992	00926	4226
0226	0900	30713	307 B	2379	14848	1097	01155	4151
0251	0900	30804	281 B	2386	14854	1201	01406	4087



C-REF-NO 003	YR 1968	DEPTH 260	WAVES 1	XX	AIR T	VIS
CONS. NO 058	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 019
LAT 50-012N	DAY 20	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-530W	HR 23.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 193	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
235	0000	0870 B	25894	858 B	2008	14739
235	0005	0795 B	25880	856 B	2017	14710
235	0010	0773 B	26146	843 B	2040	14706
235	0020	0748	27734	615 B	2168	14718
235	0030	0780	28256	558 B	2204	14739
235	0050	0796	28939	462 B	2255	14757
235	0075	0818	29493	420 B	2296	14777
235	0100	0854	30076	365 B	2336	14802
235	0150	0874	30366	279 B	2356	14822
235	0200	0875	30530	251 B	2369	14833
235	0240	0878	30578	243 B	2372	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0870 B	25894	858 B	2008	14739	0000	00000	7674
0010	0773 B	26146	843 B	2040	14706	0075	00004	7363
0020	0748	27734	615 B	2168	14718	0143	00014	6143
0030	0780	28256	558 B	2204	14739	0203	00029	5791
0050	0796	28939	462 B	2255	14757	0314	00074	5304
0075	0818	29493	420 B	2296	14777	0442	00155	4923
0100	0854	30076	365 B	2336	14802	0561	00261	4541
0125	0870	3022 I	316 B	2345	14814	0674	00391	4458
0151	0874	30366	279 B	2356	14822	0785	00546	4360
0176	0875	30463	260 B	2363	14828	0894	00727	4293
0201	0875	30530	251 B	2369	14833	1001	00933	4247
0226	0877	30569	244	2371	14838	1107	01164	4225



C-REF-NO 003	YR 1968	DEPTH 143	WAVES 1	XX	AIR T	VIS
CONS. NO 059	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 018
LAT 49-592N	DAY 21	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-590W	HR 00.3	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
003	0000	0860 B	26247		2037	14739
003	0005	0807 B	26194		2040	14719
003	0010	0776 B	26334		2055	14709
003	0020	0758	27078		2115	14713
003	0030	0781	28472		2221	14742
003	0050	0790	28898		2253	14754
003	0075	0836	29854		2321	14789
003	0100	0842	30021		2334	14797
003	0125	0851	30149		2342	14806

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	26247		2037	14739	0000	00000	7397
0010	0776 B	26334		2055	14709	0073	00004	7226
0020	0758	27078		2115	14713	0143	00014	6646
0030	0781	28472		2221	14742	0204	00030	5632
0050	0790	28898		2253	14754	0314	00074	5327
0075	0836	29854		2321	14789	0440	00153	4679
0100	0842	30021		2334	14797	0556	00257	4565
0125	0851	30149		2342	14806	0669	00388	4486

C-REF-NO 003	YR 1968	DEPTH 260	WAVES 1	XX	AIR T	VIS
CONS. NO 060	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 017
LAT 49-587N	DAY 21	NO.DPTH 11	WND-DIR		WW-CODE	
LON 125-045W	HR 01.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
010	0000	0830 B	26703		2076	14734
010	0005	0787 B	26720		2083	14718
010	0010	0775 B	27068		2112	14718
010	0020	0765	27579		2153	14723
010	0030	0779	28023		2186	14736
010	0050	0801	28750		2240	14757
010	0075	0838	29789		2316	14788
010	0100	0845	30057		2336	14799
010	0150	0855 C	30306		2354	14814
010	0200	0879	30540		2369	14834
010	0235	0890	30620		2373	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FM	SVA
0000	0830 B	26703		2076	14734	0000	00000	7017
0010	0775 B	27068		2112	14718	0069	00003	6674
0020	0765	27579		2153	14723	0133	00013	6280
0030	0779	28023		2186	14736	0195	00029	5965
0050	0801	28750		2240	14757	0309	00075	5451
0075	0838	29789		2316	14788	0437	00156	4730
0100	0845	30057		2336	14799	0553	00259	4542
0125	0849 B	3018 I		2345	14806	0666	00389	4460
0151	0855 C	30306		2354	14814	0777	00545	4377
0176	0867 B	3043 B		2362	14824	0887	00726	4304
0201	0879	30540		2369	14834	0994	00932	4246
0226	0887	30603		2372	14842	1100	01164	4214

C-REF-NO 003	YR 1968	DEPTH 161	WAVES 1	XX	AIR T	VIS
CONS. NO 061	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 016
LAT 49-572N	DAY 21	NO.DPTH 9	WND-DIR		WW-CODE	
LON 125-075W	HR 01.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
017	0000	0820 B	26918	868 B	2094	14732
017	0005	0773 B	27443	867 B	2142	14722
017	0010	0773 B	27532	867 B	2149	14724
017	0020	0774	28071	638 B	2191	14733
017	0030	0796	28662	596 B	2234	14750
017	0050	0800	28870	566 B	2250	14758
017	0075	0813	29119	535 B	2267	14770
017	0100	0826	29373	508 B	2285	14783
017	0150	0855	30206	410 B	2346	14813

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	26918	868 B	2094	14732	0000	00000	6843
0010	0773 B	27532	867 B	2149	14724	0066	00003	6324
0020	0774	28071	638 B	2191	14733	0127	00013	5922
0030	0796	28662	596 B	2234	14750	0185	00027	5510
0050	0800	28870	566 B	2250	14758	0294	00071	5361
0075	0813	29119	535 B	2267	14770	0426	00156	5195
0100	0826	29373	508 B	2285	14783	0554	00270	5025
0125	0840	2974 B	465 B	2312	14797	0677	00411	4774
0151	0855	30206	410 B	2346	14813	0793	00574	4452

C-REF-NO 003	YR 1968	DEPTH 119	WAVES 1	XX	AIR T	VIS
CONS. NO 062	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 015
LAT 49-516N	DAY 21	NO.DPTH 8	WND-DIR		WW-CODE	
LON 125-015W	HR 02.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
026	0000	0830 B	26824		2086	14735
026	0005	0776 B	27238		2125	14720
026	0010	0779 B	27803		2169	14729
026	0020	0784	28364		2212	14740
026	0030	0796	28656		2233	14750
026	0049	0808	29034		2261	14763
026	0074	0828	29406		2288	14780
026	0098	0869	30322		2353	14811

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	26824		2086	14735	0000	00000	6926
0010	0779 B	27803		2169	14729	0065	00003	6128
0020	0784	28364		2212	14740	0125	00012	5715
0030	0796	28656		2233	14750	0181	00026	5514
0050	0809	2904 B		2262	14763	0289	00070	5241
0075	0829	29435		2290	14781	0417	00152	4982



C-REF-NO 003	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 063	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	SIN 014
LAT 49-529N	DAY 21	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-594W	HR 03.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
031	0000	0840 B	26225	899 B	2038	14731
031	0005	0776 B	26838	808 B	2094	14715
031	0010	0774 B	27191	780 B	2122	14720
031	0020	0769	27835	678 B	2173	14728
031	0030	0787	28368	643 B	2212	14743
031	0050	0791	28594	576 B	2229	14751
031	0075	0827	29665	444 B	2308	14783
031	0100	0837	30085	444 B	2339	14796
031	0150	0854 B	30366	421 B	2359	14814
031	0200	0867	30527	393 B	2369	14829
031	0250	0889	30605	344 B	2372	14847
031	0280	0897	30663	330 B	2376	14856

DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0840 B	26225	899 B	2038	14731	0000	00000	7388
0010	0774 B	27191	780 B	2122	14720	0070	00003	6580
0020	0769	27835	678 B	2173	14728	0133	00013	6092
0030	0787	28368	643 B	2212	14743	0193	00028	5717
0050	0791	28594	576 B	2229	14751	0306	00074	5555
0075	0827	29665	444 B	2308	14783	0436	00156	4807
0100	0837	30085	444 B	2339	14796	0553	00260	4510
0125	0846	3022 I	435 B	2349	14805	0665	00389	4422
0151	0854 B	30366	421 B	2359	14814	0775	00543	4332
0176	0860	30459	409 B	2365	14822	0883	00723	4274
0201	0867	30527	393 B	2369	14829	0990	00928	4238
0226	0878	3057 B	368 B	2371	14838	1096	01160	4226
0251	0889	30605	344 B	2372	14847	1202	01417	4218

C-REF-NO 003	YR 1968	DEPTH 232	WAVES 1	XX	AIR T	VIS
CONS. NO 064	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 013
LAT 49-552N	DAY 21	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-552W	HR 04.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
041	0000	0840 B	25638		1992	14724
041	0005	0789 B	25998		2027	14709
041	0010	0779 B	26429		2062	14712
041	0020	0767	27496		2147	14722
041	0030	0783	28432		2218	14742
041	0050	0812	29155		2270	14766
041	0075	0828	29686		2309	14783
041	0100	0841	30053		2336	14797
041	0150	0863 B	30339		2355	14817
041	0200	0876	30521		2368	14833

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	25638		1992	14724	0000	00000	7827
0010	0779 B	26429		2062	14712	0075	00004	7158
0020	0767	27496		2147	14722	0143	00014	6345
0030	0783	28432		2218	14742	0203	00029	5664
0050	0812	29155		2270	14766	0311	00073	5164
0075	0828	29686		2309	14783	0436	00152	4792
0100	0841	30053		2336	14797	0554	00256	4539
0125	0853	3019 I		2346	14808	0666	00386	4453
0151	0863 B	30339		2355	14817	0777	00542	4365
0176	0871	3044 B		2363	14826	0886	00723	4297
0201	0876	30521		2368	14833	0993	00929	4256

C-REF-NO 003	YR 1968	DEPTH 344	WAVES 1	XX	AIR T	VIS
CONS. NO 065	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 012
LAT 49-436N	DAY 21	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-407W	HR 05.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
057	0000	0850 B	26541	780 B	2061	14739
057	0005	0776 B	26553	779 B	2072	14711
057	0010	0772 B	26677	762 B	2082	14712
057	0020	0754	27726	659 B	2166	14720
057	0030	0759	28095	658 B	2194	14729
057	0050	0791	28865	533 B	2250	14754
057	0075	0819	29547	454 B	2300	14778
057	0100	0825	29953	455 B	2331	14790
057	0150	0844 B	30316	424 B	2356	14810
057	0200	0857	30471	391 B	2367	14825
057	0250	0882	30620	353 B	2374	14845
057	0320	0904	30737	304 B	2380	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SWA
0000	0850 B	26541	780 B	2061	14739	0000	00000	7164
0010	0772 B	26677	762 B	2082	14712	0071	00004	6964
0020	0754	27726	659 B	2166	14720	0136	00013	6157
0030	0759	28095	658 B	2194	14729	0197	00029	5886
0050	0791	28865	533 B	2250	14754	0310	00074	5353
0075	0819	29547	454 B	2300	14778	0438	00156	4884
0100	0825	29953	455 B	2331	14790	0557	00261	4592
0125	0834	3013 I	442 B	2344	14800	0671	00392	4472
0151	0844 B	30316	424 B	2356	14810	0782	00548	4355
0176	0850	3040 C	408 B	2363	14817	0890	00729	4299
0201	0857	30471	391 B	2367	14825	0998	00935	4264
0226	0869	30549	372 B	2371	14835	1105	01167	4228
0251	0882	30620	353 B	2374	14845	1210	01424	4197
0301	0899	30713	318 B	2379	14860	1421	02016	4161



C-REF-NO 003	YR 1968	DEPTH 298	WAVES 1	XX	AIR T	VIS
CONS. NO 066	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 011
LAT 49-425N	DAY 21	NO.DPTH 11	WND-DIR		WW-CCDE	
LON 124-432W	HR 06.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
064	0000	0830 B	26425		2055	14730
064	0005	0786 B	26402		2059	14713
064	0010	0764 B	26869		2098	14712
064	0020	0762	27689		2162	14723
064	0030	0767	28303		2210	14734
064	0050	0783	28811		2247	14750
064	0075	0815	29384		2288	14774
064	0100	0830	29851		2322	14790
064	0150	0849	30344		2358	14812
064	0200	0862	30534		2371	14828
064	0270	0891	30657		2376	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	26425		2055	14730	0000	00000	7225
0010	0764 B	26869		2098	14712	0070	00003	6810
0020	0762	27689		2162	14723	0135	00013	6194
0030	0767	28303		2210	14734	0195	00028	5740
0050	0783	28811		2247	14750	0307	00074	5383
0075	0815	29384		2288	14774	0437	00156	5000
0100	0830	29851		2322	14790	0558	00264	4675
0125	0841	3015 D		2344	14802	0673	00396	4468
0151	0849	30344		2358	14812	0784	00552	4341
0176	0855	3046 C		2366	14820	0892	00731	4264
0201	0862	30534		2371	14828	0999	00936	4225
0226	0871	3060 B		2375	14836	1104	01166	4190
0251	0882	3064 B		2376	14845	1210	01421	4178



C-REF-NO 003	YR 1968	DEPTH 115	WAVES 1	XX	AIR T	VIS
CONS. NO 067	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 010
LAT 49-408N	DAY 21	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-473W	HR 07.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
072	0000		26115			
072	0005	0778 B	26842		2094	14716
072	0010	0760 B	27451		2144	14717
072	0020	0763	27912		2180	14726
072	0030	0785	28427		2217	14743
072	0050	0801	28881		2250	14758
072	0075	0819	29268		2278	14774
072	0100	0831	29656		2307	14788

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000		26115						
0010	0760 B	27451		2144	14717	0069	00003	6368
0020	0763	27912		2180	14726	0131	00013	6028
0030	0785	28427		2217	14743	0190	00028	5671
0050	0801	28881		2250	14758	0300	00072	5354
0075	0819	29268		2278	14774	0431	00156	5092
0100	0831	29656		2307	14788	0556	00267	4821

C-REF-NO 003	YR 1968	DEPTH 161	WAVES 1	XX	AIR T	VIS
CONS. NO 068	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 009
LAT 49-354N	DAY 21	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-384W	HR 08.2	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
082	0000	0820 B	27268	700 B	2122	14737
082	0005	0789 B	27313	716	2129	14726
082	0010	0785 B	27571	700 B	2150	14729
082	0020	0767	28354	596 B	2214	14733
082	0030	0769	28560	587 B	2229	14738
082	0050	0800	29152	482 B	2272	14762
082	0075	0828	29721	434 B	2312	14784
082	0100	0841	30091	434 B	2339	14798
082	0140	0852	30387	412 B	2361	14812

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	27268	700 B	2122	14737	0000	00000	6581
0010	0785 B	27571	700 B	2150	14729	0065	00003	6310
0020	0767	28354	596 B	2214	14733	0125	00012	5701
0030	0769	28560	587 B	2229	14738	0181	00027	5551
0050	0800	29152	482 B	2272	14762	0289	00070	5150
0075	0828	29721	434 B	2312	14784	0413	00149	4767
0100	0841	30091	434 B	2339	14798	0529	00253	4511
0125	0850	30321	421 B	2356	14808	0641	00381	4356

C-REF-NO 003	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 069	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 008
LAT 49-394N	DAY 21	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-330W	HR 09.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
092	0000	0820 B	26359		2051	14725
092	0005	0803 B	26447		2060	14721
092	0010	0774 B	27303		2131	14721
092	0020	0762	28028		2189	14727
092	0030	0763	28435		2220	14735
092	0050	0778	28924		2257	14750
092	0075	0820	29560		2301	14779
092	0100	0824	30041		2338	14790
092	0150	0840	30327		2358	14808
092	0200	0850	30453		2366	14822
092	0250	0876	30604		2374	14842
092	0300	0890	30670		2377	14856

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	26359		2051	14725	0000	00000	7261
0010	0774 B	27303		2131	14721	0069	00003	6496
0020	0762	28028		2189	14727	0131	00013	5940
0030	0763	28435		2220	14735	0189	00027	5636
0050	0778	28924		2257	14750	0299	00072	5292
0075	0820	29560		2301	14779	0426	00153	4876
0100	0824	30041		2338	14790	0544	00258	4526
0125	0832	3018 I		2348	14799	0657	00387	4433
0151	0840	30327		2358	14808	0767	00542	4340
0176	0844	3039 C		2363	14815	0876	00722	4299
0201	0850	30453		2366	14822	0983	00929	4268
0226	0863	3053 B		2370	14832	1090	01161	4231
0251	0876	30604		2374	14842	1196	01419	4201
0301	0890	30670		2377	14856	1407	02012	4179

C-REF-NO 003	YR 1968	DEPTH 342	WAVES 1 XX	AIR T	VIS
CONS. NO 070	MONTH 3	MXSAMPD 03	WAVES 2 XX	WET B	STN 007
LAT 49-345N	DAY 21	NO.DPTH 12	WND-DIR	WW-CODE	
LON 124-240W	HR 10.4	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
104	0000	0830 B	25979		2020	14724
104	0005	0779 B	25980		2026	14705
104	0010	0770 B	26471		2066	14709
104	0020	0764	27936		2181	14727
104	0030	0764	28226		2204	14732
104	0050		28715			
104	0075	0818	29603		2304	14782
104	0100	0827	30014		2335	14794
104	0150	0827	30233		2352	14805
104	0200	0851	30456		2366	14826
104	0250	0872	30562		2371	14843
104	0300	0891	30686		2378	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0830 B	25979		2020	14724	0000	00000	7559
0010	0770 B	26471		2066	14709	0073	00004	7116
0020	0764	27936		2181	14727	0139	00013	6011
0030	0764	28226		2204	14732	0198	00028	5794
0050	0786 C	28715		2239	14750	0311	00074	5458
0075	0818	29603		2304	14778	0440	00156	4842
0100	0827	30014		2335	14791	0558	00261	4549
0125	0827	3012 I		2344	14797	0672	00391	4472
0151	0827	30233		2352	14802	0783	00547	4393
0176	0838	3035 B		2360	14812	0892	00729	4323
0201	0851	30456		2366	14822	1000	00936	4267
0226	0862	3051 B		2369	14831	1107	01169	4243
0251	0872	30562		2371	14840	1214	01427	4226
0301	0891	30686		2378	14857	1425	02021	4169



C-REF-NO 003	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 071	MONTH 3	MXSAMPD 01	WAVES 2	XX	WET B	STN 006
LAT 49-305N	DAY 21	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-277W	HR 11.4	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
114	0000		25855	775 B		
114	0005	0769 B	25814	780 B	2015	14699
114	0010	0767 B	26665	713 B	2082	14710
114	0020	0763	28213	620 B	2203	14730
114	0030	0764	28526	601 B	2227	14736
114	0050		29041	507 B		
114	0075	0810	29351	456 B	2286	14775
114	0100	0781	29938		2336	14776
114	0150	0843 B	30351	437 B	2359	14813

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000		25855	775 B					
0010	0767 B	26665	713 B	2082	14710	0073	00004	5967
0020	0763	28213	620 B	2203	14730	0137	00013	5802
0030	0764	28526	601 B	2227	14736	0194	00028	5569
0050	0788 D	29041	507 B	2265	14755	0302	00071	5217
0075	0810	29351	456 B	2286	14772	0431	00153	5018
0100	0781	29938	423 C	2336	14772	0551	00260	4544
0125	0799 C	3014 I	417 B	2349	14786	0663	00389	4418
0151	0843 B	30351	437 B	2359	14810	0773	00543	4327

C-REF-NO 003	YR 1968	DEPTH 309	WAVES 1	XX	AIR T	VIS
CONS. NO 072	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 005
LAT 49-274N	DAY 21	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-307W	HR 12.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
122	0000	0820 B	25969		2020	14720
122	0005	0783 B	26499		2067	14713
122	0010	0776 B	27686		2160	14727
122	0019	0769	28451		2221	14735
122	0029	0769	28569		2230	14738
122	0049	0780	28880		2253	14750
122	0073	0807	29235		2277	14769
122	0097	0827	29773		2316	14788
122	0146	0854	30447		2365	14815
122	0195	0871	30679		2381	14832
122	0244	0889	30842		2391	14849
122	0273	0893	30895		2394	14856

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	25969		2020	14720	0000	00000	7554
0010	0776 B	27686		2160	14727	0069	00003	6212
0020	0769	2848 D		2223	14736	0128	00012	5610
0030	0769	28583		2231	14739	0184	00026	5534
0050	0781	28893		2254	14751	0293	00071	5320
0075	0809	2927 B		2280	14771	0423	00154	5070
0100	0829	29829		2320	14790	0546	00263	4691
0125	0844	3022 B		2349	14805	0660	00394	4422
0151	0856	3047 B		2367	14816	0769	00547	4257
0176	0865	3058 I		2374	14825	0875	00723	4189
0201	0873	30699		2382	14834	0980	00923	4118
0226	0883	30788		2388	14843	1082	01147	4070
0251	0890	30855		2392	14851	1184	01394	4034

C-REF-NO 003	YR 1968	DEPTH 322	WAVES 1	XX	AIR T	VIS
CONS. NO 073	MONTH 3	MXSAMPD 03	WAVES 2	XX	WET B	STN 004
LAT 49-244N	DAY 21	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-220W	HR 13.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
133	0000	0800 B	26904		2096	14725
133	0005	0776 B	26833		2094	14715
133	0010	0772 B	26853		2096	14714
133	0020	0767	28292		2209	14733
133	0030	0771	28484		2223	14738
133	0049	0780	29005		2263	14752
133	0074	0818	29539		2299	14777
133	0098	0809	30022		2338	14784
133	0148	0841 B	30382		2362	14809
133	0197	0872	30692		2382	14833
133	0246	0889	30829		2390	14849
133	0295	0896	30922		2396	14861

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	26904		2096	14725	0000	00000	6828
0010	0772 B	26853		2096	14714	0068	00003	6832
0020	0767	28292		2209	14733	0131	00013	5748
0030	0771	28484		2223	14738	0188	00027	5609
0050	0782	29028		2264	14753	0297	00071	5219
0075	0818	29561		2301	14778	0424	00152	4872
0100	0810	3004 B		2340	14785	0541	00256	4503
0125	0822 B	3021 I		2352	14796	0653	00385	4396
0151	0842 B	30397		2363	14810	0762	00538	4294
0176	0859	3056 B		2374	14823	0869	00715	4195
0201	0873	30703		2382	14834	0973	00916	4116
0226	0883	3078 B		2387	14843	1076	01139	4074
0251	0890	30839		2390	14850	1178	01387	4046

C-REF-NO 003	YR 1968	DEPTH 307	WAVES 1	XX	AIR T	VIS
CONS. NO 074	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	STN 003
LAT 49-266N	DAY 21	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-202W	HR 14.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
140	0000	0800 B	26487	752 B	2063	14719
140	0005	0780 B	26385	738 B	2058	14711
140	0010	0770 B	26980	737 B	2106	14715
140	0020	0763	28074	628 B	2192	14728
140	0030	0780	28823	552 B	2249	14746
140	0050	0797	29284	486 B	2282	14762
140	0075	0792	29795	507 B	2323	14771
140	0100	0773	29952	516	2338	14769
140	0150	0825 B	30284	458 B	2357	14802
140	0200	0857	30572	393 B	2374	14826
140	0250	0886	30819	317 B	2389	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	26487	752 B	2063	14719	0000	00000	7140
0010	0770 B	26980	737 B	2106	14715	0069	00003	6734
0020	0763	28074	628 B	2192	14728	0133	00013	5906
0030	0780	28823	552 B	2249	14746	0189	00027	5369
0050	0797	29284	486 B	2282	14762	0294	00070	5048
0075	0792	29795	507 B	2323	14771	0416	00147	4663
0100	0773	29952	516	2338	14769	0531	00250	4524
0125	0793 C	30119	494 B	2348	14783	0643	00379	4428
0151	0825 B	30284	458 B	2357	14802	0754	00534	4352
0176	0842	30433	427 B	2366	14815	0862	00714	4269
0201	0857	30572	393 B	2374	14826	0968	00918	4191
0226	0872	30701	356 B	2382	14838	1073	01145	4120
0251	0886	30819	317 B	2389	14849	1176	01395	4057



C-REF-NO 003	YR 1968	DEPTH 267	WAVES 1	XX	AIR T	VIS
CONS. NO 075	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET B	SIN 002
LAT 49-242N	DAY 21	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-093W	HR 15.0	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
150	0000	0810 B	26741	716 B	2082	14726
150	0005	0786 B	26887	716 B	2096	14720
150	0010	0783 B	27086	705 B	2112	14722
150	0020	0758	27757	663 B	2168	14722
150	0030	0766	28483	610 B	2224	14736
150	0049	0782	29037	511	2265	14753
150	0074	0770	29648	524	2314	14760
150	0098	0769	29890	520 B	2334	14767
150	0148	0820 B	30238	474 B	2354	14799
150	0197	0855	30552	388 B	2373	14825
150	0246	0880	30771	328 B	2387	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0810 B	26741	716 B	2082	14726	0000	00000	6963
0010	0783 B	27086	705 B	2112	14722	0068	00003	6670
0020	0758	27757	663 B	2168	14722	0132	00013	6138
0030	0766	28483	610 B	2224	14736	0191	00028	5604
0050	0782	29066	510	2267	14753	0300	00072	5190
0075	0770	29662	524	2316	14760	0424	00151	4733
0100	0770	29906	519 B	2335	14768	0541	00255	4555
0125	0793 B	3009 C	501 B	2346	14783	0654	00385	4449
0151	0822 B	30252	471 B	2355	14800	0765	00540	4371
0176	0841	30419	428 B	2365	14814	0873	00721	4279
0201	0857	30568	384 B	2374	14826	0980	00925	4194
0226	0871	30687	352 B	2381	14837	1084	01152	4128

C-REF-NO 003	YR 1968	DEPTH 229	WAVES 1	XX	AIR T	VIS
CONS. NO 076	MONTH 3	MXSAMPD 02	WAVES 2	XX	WET R	STN 001
LAT 49-204N	DAY 21	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-120W	HR 15.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	0000	0800 B	27848		2170	14737
158	0005	0770 B	27839		2173	14726
158	0010	0768 B	27887		2177	14726
158	0020	0762	28313		2211	14731
158	0030	0770	28505		2225	14738
158	0050		28819			
158	0075	0799	29238		2278	14770
158	0099	0814	29874		2326	14787
158	0149	0836	30332		2359	14810
158	0199	0861	30599		2376	14831

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	27848		2170	14737	0000	00000	6122
0010	0768 B	27887		2177	14726	0061	00003	6051
0020	0762	28313		2211	14731	0120	00012	5726
0030	0770	28505		2225	14738	0177	00027	5593
0050	0784	28819		2248	14751	0287	00071	5378
0075	0799	29238		2278	14766	0418	00155	5037
0100	0814	29890		2327	14785	0540	00263	4625
0125	0826	3011 I		2343	14796	0654	00394	4478
0151	0836	30340		2359	14807	0765	00550	4325
0176	0849	3050 C		2371	14818	0872	00728	4224
*0201	0862	30601		2376	14828	0978	00930	4175

OCEANOGRAPHIC DATA CRUISE 004/68

22 - 26 APRIL 1968





C-REF-NO 004	YR 1968	DEPTH 252	WAVES 1	XX	AIR T	VIS
CONS. NO 001	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 001
LAT 49-204N	DAY 22	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-120W	HR 19.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
199	0000	0720 B	27870		2182	14705
199	0005	0848 B	27863		2164	14756
199	0010	0848 B	27862		2164	14757
199	0020	0825	28071		2184	14752
199	0030	0822	28820		2243	14763
199	0049	0816	29298		2281	14769
199	0074	0808	29468		2295	14773
199	0099	0793	29682		2314	14774
199	0148	0819	30253		2355	14799
199	0197	0861	30628		2378	14828
199	0237	0882	30796		2388	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	27870		2182	14705	0000	00000	6006
0010	0848 B	27862		2164	14757	0061	00003	6174
0020	0825	28071		2184	14752	0122	00012	5987
0030	0822	28820		2243	14763	0179	00027	5426
0050	0816	2930 B		2282	14770	0284	00070	5054
0075	0807	29476		2296	14773	0410	00149	4920
0100	0793	29694		2315	14774	0531	00258	4743
0125	0801	2998 I		2337	14785	0647	00391	4539
0151	0821	30272		2356	14800	0759	00548	4356
0176	0842	30483		2370	14815	0867	00727	4232
0201	0863	30645		2379	14829	0972	00929	4144
0226	0877	30759		2386	14840	1076	01154	4083

C-REF-NO 004	YR 1968	DEPTH 283	WAVES 1	XX	AIR T	VIS
CONS. NO 002	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 002
LAT 49-242N	DAY 22	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-095W	HR 20.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	Hw

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
209	0000	0880 B	27855		2159	14768
209	0005	0883 B	27837		2157	14769
209	0010	0882 B	27840		2158	14770
209	0020	0820	28073		2185	14751
209	0030	0802	28813		2245	14755
209	0050	0792	29356		2289	14761
209	0075	0785	29604		2309	14766
209	0100	0783	29802		2325	14771
209	0150	0812	30145		2348	14795
209	0200	0843	30475		2369	14820
209	0250	0874	30731		2384	14843

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	27855		2159	14768	0000	00000	6222
0010	0882 B	27840		2158	14770	0062	00003	6236
0020	0820	28073		2185	14751	0124	00013	5980
0030	0802	28813		2245	14755	0181	00027	5405
0050	0792	29356		2289	14761	0285	00069	4988
0075	0785	29604		2309	14766	0408	00147	4796
0100	0783	29802		2325	14771	0526	00253	4649
0125	0795	29979		2337	14782	0642	00386	4536
0151	0812	30145		2348	14795	0754	00544	4438
0176	0827	30315		2359	14807	0865	00727	4336
0201	0843	30475		2369	14820	0972	00934	4243
0226	0858	30611		2377	14831	1078	01163	4167
0251	0874	30731		2384	14843	1182	01416	4103

C-REF-NO 004	YR 1968	DEPTH 335	WAVES 1	XX	AIR T	VIS
CONS. NO 003	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 003
LAT 49-266N	DAY 22	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-202W	HR 22.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
222	0000	0750 B	28044	661	2192	14719
222	0005	0866 B	28011	661	2173	14765
222	0010	0867 B	28011	655 B	2173	14766
222	0019	0862	28018	659 B	2174	14766
222	0029	0817	28536	565 B	2221	14757
222	0048	0823	29267	499	2277	14772
222	0072	0786	29632	506	2311	14766
222	0097	0785	29823	496 B	2326	14772
222	0145	0800 B	30113	472 B	2347	14789
222	0193	0849	30524	380 B	2372	14821
222	0241	0878	30750	317 B	2385	14843
222	0290	0889	30842	294 B	2391	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	28044	661	2192	14719	0000	00000	5911
0010	0867 B	28011	655 B	2173	14766	0060	00003	6088
0020	0858	2806 C	651 B	2178	14765	0121	00012	6039
0030	0816	28583	559 B	2225	14757	0179	00027	5595
0050	0820	2931 B	498	2281	14771	0286	00070	5058
0075	0785	29661	505	2313	14766	0409	00149	4753
0100	0785	29841	496 B	2327	14773	0527	00254	4622
0125	0790	2999 C	487 B	2339	14781	0642	00386	4520
0151	0805 B	3015 B	463 B	2350	14793	0754	00543	4419
0176	0830 B	3037 D	417 B	2363	14809	0863	00725	4296
0201	0854	30567	369 B	2374	14825	0970	00930	4190
0226	0870	30692	334 B	2382	14837	1074	01157	4124
0251	0881	30778	310 B	2387	14846	1178	01407	4080

C-REF-NO 004	YR 1968	DEPTH 344	WAVES 1	XX	AIR T	VIS
CONS. NO 004	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 004
LAT 49-243N	DAY 22	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-221W	HR 22.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
229	0000	0870 B	28067		2177	14767
229	0005	0865 B				
229	0010	0866 B	28060		2177	14767
229	0019	0846	28100		2183	14762
229	0029	0816	28796		2242	14761
229	0049	0818	29360		2285	14772
229	0073	0812	29623		2307	14777
229	0097	0795	29748		2319	14776
229	0146	0810	30174		2350	14795
229	0194	0849	30528		2372	14822
229	0243	0876	30735		2384	14843
229	0291	0891	30847		2391	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SWA
0000	0870 B	28067		2177	14767	0000	00000	6049
0010	0866 B	28060		2177	14767	0061	00003	6049
0020	0843	2817 I		2189	14761	0121	00012	5937
0030	0815	2884 B		2245	14760	0178	00027	5401
0050	0818	29377		2287	14771	0282	00069	5007
0075	0810	29635		2308	14776	0405	00147	4806
0100	0795	29772		2321	14776	0524	00254	4686
0125	0798	2998 D		2337	14784	0640	00387	4537
0151	0813	30208		2352	14796	0752	00544	4393
0176	0833	30401		2365	14811	0861	00725	4279
0201	0853	30560		2374	14825	0968	00929	4192
0226	0868	30673		2381	14836	1072	01157	4133
0251	0879	30758		2386	14845	1176	01408	4091



C-REF-NO 004	YR 1968	DEPTH 66	WAVES 1	XX	AIR T	VIS
CONS. NO 005	MONTH 4	MXSAMPD 00	WAVES 2	XX	WET B	STN 077
LAT 49-286N	DAY 23	NO.DPTH 6	WND-DIR		WW-CODE	
LON 124-455W	HR 00.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000	0890 B	27963		2166	14773
006	0005	0884 B	27948		2166	14771
006	0010	0849 B	28065		2180	14760
006	0020	0828	28389		2208	14758
006	0030	0820	28567		2223	14758
006	0050	0817	28783		2240	14763

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0890 B	27963		2166	14773	0000	00000	6154
0010	0849 B	28065		2180	14760	0061	00003	6023
0020	0828	28389		2208	14758	0120	00012	5753
0030	0820	28567		2223	14758	0177	00027	5612
0050	0817	28783		2240	14763	0288	00072	5448

C-REF-NO 004	YR 1968	DEPTH 20	WAVES 1	XX	AIR T	VIS
CONS. NO 006	MONTH 4	MXSAMPD 00	WAVES 2	XX	WET B	STN 078
LAT 49-396N	DAY 23	NO.DPTH 4	WND-DIR		WW-CODE	
LON 124-558W	HR 01.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
019	0000	0960 B	16228		1245	14653
019	0005	0941 B	26283		2028	14772
019	0010	0887 B	27448		2126	14767
019	0020	0830 B	28309		2202	14757

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0960 B	16228		1245	14653	0000	00000	15064
0010	0887 B	27448		2126	14767	0108	00003	6536
0020	0830 B	28309		2202	14757	0170	00013	5816

C-REF-NO 004	YR 1968	DEPTH 320	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 005
LAT 49-273N	DAY 23	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-306W	HR 03.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
038	0000	0860 B	27873		2163	14760
038	0005	0856 B	27957		2171	14761
038	0010	0855 B	27957		2171	14761
038	0020	0834	28062		2182	14756
038	0030	0824	28826		2243	14763
038	0050	0822	29305		2281	14772
038	0075	0818	29438		2291	14776
038	0100	0788	29681		2315	14772
038	0150	0806	30162		2350	14793
038	0200	0850	30542		2373	14823
038	0250	0876	30740		2385	14844
038	0300	0888	30842		2391	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0860 B	27873		2163	14760	0000	00000	6181
0010	0855 B	27957		2171	14761	0062	00003	6112
0020	0834	28062		2182	14756	0122	00012	6006
0030	0824	28826		2243	14763	0180	00027	5424
0050	0822	29305		2281	14772	0285	00070	5066
0075	0818	29438		2291	14776	0411	00150	4983
0100	0788	29681		2315	14772	0533	00258	4745
0125	0789 B	2992 B		2334	14779	0649	00393	4566
0151	0806	30162		2350	14793	0762	00551	4417
0176	0827	30370		2363	14808	0872	00733	4296
0201	0850	30542		2373	14823	0978	00938	4203
0226	0865	30658		2380	14834	1083	01166	4140
0251	0876	30740		2385	14844	1187	01417	4100
0301	0888	30842		2391	14858	1392	01994	4048

C-REF-NO 004	YR 1968	DEPTH 192	WAVES 1	XX	AIR T	VIS
CONS. NO 008	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 006
LAT 49-306N	DAY 23	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-277W	HR 04.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
047	0000	0860 B	27990	669 B	2173	14762
047	0005	0857 B	27972	669 B	2172	14761
047	0010	0857 B	27974	666 B	2172	14762
047	0020	0847	28061	653 B	2180	14761
047	0029	0829	28559	604 B	2221	14762
047	0049	0823	29153	520 B	2268	14770
047	0074	0811	29444	491 B	2293	14773
047	0098	0801	29785	469 B	2321	14778
047	0147	0826 B	30327	424 B	2360	14803
047	0172	0844	30493	391 B	2370	14816

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	27990	669 B	2173	14762	0000	00000	6094
0010	0857 B	27974	666 B	2172	14762	0061	00003	6101
0020	0847	28061	653 B	2180	14761	0122	00012	6024
0030	0828	28601	599 B	2225	14762	0180	00027	5597
0050	0823	2916 B	518 B	2270	14770	0288	00071	5168
0075	0810	29458	490 B	2294	14774	0415	00152	4938
0100	0801	29812	467 B	2323	14779	0535	00259	4665
0125	0810 B	30114	446 B	2345	14790	0650	00390	4455
0151	0828 B	30351	420 B	2361	14804	0760	00545	4307



C-REF-NO 004	YR 1968	DEPTH 347	WAVES 1	XX	AIR T	VIS
CONS. NO 009	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 007
LAT 49-346N	DAY 23	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-242W	HR 05.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
057	0000	0850 B	28021		2176	14758
057	0005	0847 B	27994		2175	14758
057	0010	0848 B	27993		2174	14759
057	0020	0841	28113		2185	14759
057	0030	0817	28713		2235	14759
057	0050	0812	29295		2281	14768
057	0075	0807	29608		2306	14774
057	0100	0794	29841		2326	14776
057	0150	0818	30229		2353	14799
057	0200	0840	30422		2365	14818
057	0250	0861	30541		2371	14836
057	0300	0878	30610		2374	14851

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	28021		2176	14758	0000	00000	6058
0010	0848 B	27993		2174	14759	0061	00003	6076
0020	0841	28113		2185	14759	0121	00012	5977
0030	0817	28713		2235	14759	0179	00027	5499
0050	0812	29295		2281	14768	0285	00070	5060
0075	0807	29608		2306	14774	0409	00149	4822
0100	0794	29841		2326	14776	0527	00255	4634
0125	0802 B	3005 B		2342	14786	0642	00386	4489
0151	0818	30229		2353	14799	0753	00543	4384
0176	0829	3034 B		2361	14809	0863	00724	4318
0201	0840	30422		2365	14818	0971	00932	4277
0226	0851	30489		2369	14827	1078	01164	4246
0251	0861	30541		2371	14836	1184	01423	4225
0301	0878	30610		2374	14851	1396	02020	4206

C-REF-NO 004	YR 1968	DEPTH 342	WAVES 1	XX	AIR T	VIS
CONS. NO 010	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 008
LAT 49-393N	DAY 23	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-330W	HR 06.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
069	0000	0870 B	27856		2161	14764
069	0005	0859 B	27867		2163	14761
069	0010	0864 B	27915		2166	14764
069	0020	0842	28035		2179	14759
069	0030	0820	28454		2214	14757
069	0050	0814	29308		2282	14769
069	0075	0800	29696		2314	14773
069	0100	0791	29903		2332	14776
069	0150	0823	30234		2353	14801
069	0200	0835	30376		2362	14815
069	0250	0859	30517		2370	14834
069	0300	0881	30617		2374	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	27856		2161	14764	0000	00000	6207
0010	0864 B	27915		2166	14764	0062	00003	6155
0020	0842	28035		2179	14759	0123	00012	6037
0030	0820	28454		2214	14757	0182	00027	5697
0050	0814	29308		2282	14769	0290	00071	5054
0075	0800	29696		2314	14773	0413	00149	4746
0100	0791	29903		2332	14776	0530	00253	4584
0125	0804 B	30087		2344	14787	0643	00384	4467
0151	0823	30234		2353	14801	0755	00540	4387
0176	0829	3031 C		2358	14808	0864	00723	4338
0201	0835	30376		2362	14815	0973	00931	4304
0226	0846	30449		2366	14825	1081	01165	4269
0251	0859	30517		2370	14834	1187	01425	4241
0301	0881	30617		2374	14852	1400	02023	4205

C-REF-NO 004	YR 1968	DEPTH 172	WAVES 1	XX	AIR T	VIS
CONS. NO 011	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 009
LAT 49-354N	DAY 23	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-384W	HR 07.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
078	0000	0860 B	27971	658 B	2171	14761
078	0005	0841 B	27929	658 B	2170	14754
078	0010	0842 B	27927	661 B	2170	14756
078	0020	0860	28031	676	2176	14765
078	0030	0812	28591	566 B	2226	14756
078	0050	0815	29152	507 B	2270	14767
078	0075	0810	29569	455 B	2303	14775
078	0100	0786	29873	490	2330	14773
078	0150	0828 B	30250	421 B	2353	14803

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	27971	658 B	2171	14761	0000	00000	6108
0010	0842 B	27927	661 B	2170	14756	0061	00003	6117
0020	0860	28031	676	2176	14765	0122	00012	6064
0030	0812	28591	566 B	2226	14756	0181	00027	5584
0050	0815	29152	507 B	2270	14767	0289	00071	5171
0075	0810	29569	455 B	2303	14775	0414	00151	4855
0100	0786	29873	490	2330	14773	0533	00257	4600
0125	0795 B	30102	470 B	2347	14784	0647	00387	4444
0151	0828 B	30250	421 B	2353	14803	0757	00543	4382

C-REF-NO 004	YR 1968	DEPTH	97	WAVES 1	XX	AIR T	VIS
CONS. NO 012	MONTH 4	MXSAMPD	01	WAVES 2	XX	WET B	STN 010
LAT 49-408N	DAY 23	NO.DPTH	7	WND-DIR		WW-CODE	
LON 124-473W	HR 08.8	W-COLOR		WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP		BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SCUND
088	0000	0780 B	27817		2170	14728
088	0005	0865 B	27830		2159	14762
088	0010	0855 B	27991		2173	14761
088	0020	0818	28704		2234	14758
088	0030	0827	29228		2274	14770
088	0050	0826	29347		2283	14774
088	0075	0805	29576		2304	14773

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0780 B	27817		2170	14728	0000	00000	6119
0010	0855 B	27991		2173	14761	0061	00003	6086
0020	0818	28704		2234	14758	0119	00012	5505
0030	0827	29228		2274	14770	0173	00025	5127
0050	0826	29347		2283	14774	0275	00067	5040
0075	0805	29576		2304	14773	0399	00146	4843



C-REF-NO 004	YR 1968	DEPTH 315	WAVES 1	XX	AIR T	VIS
CONS. NO 013	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 011
LAT 49-425N	DAY 23	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-434W	HR 09.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
095	0000	0850 B	28024		2177	14758
095	0005	0854 B	28013		2175	14760
095	0010	0855 B	28018		2175	14762
095	0020	0814	28490		2218	14754
095	0030	0818	28839		2245	14761
095	0050	0821	29376		2286	14773
095	0075	0797	29653		2311	14771
095	0100	0788	29858		2328	14774
095	0150	0808	30122		2346	14793
095	0200	0844	30433		2365	14819
095	0275	0875	30597		2374	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	28024		2177	14758	0000	00000	6055
0010	0855 B	28018		2175	14762	0061	00003	6066
0020	0814	28490		2218	14754	0120	00012	5660
0030	0818	28839		2245	14761	0175	00026	5407
0050	0821	29376		2286	14773	0280	00068	5011
0075	0797	29653		2311	14771	0402	00147	4775
0100	0788	29858		2328	14774	0520	00252	4613
0125	0794	2999 C		2339	14782	0635	00384	4519
0151	0808	30122		2346	14793	0747	00542	4450
0176	0826	3028 C		2357	14806	0858	00726	4356
0201	0844	30433		2365	14819	0967	00934	4275
0226	0856	3052 B		2371	14829	1073	01166	4230
0251	0867	3057 B		2373	14838	1179	01424	4209

C-REF-NO 004	YR 1968	DEPTH 362	WAVES 1	XX	AIR T	VIS
CONS. NO 014	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 012
LAT 49-436N	DAY 23	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-007W	HR 10.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
102	0000	0850 B	28010	663 B	2176	14758
102	0005	0856 B	27984	663 B	2173	14761
102	0010	0856 B	27992	605 B	2173	14762
102	0020	0819	28312		2203	14753
102	0029	0816	28676	522 B	2232	14758
102	0049	0824	29318	491 B	2281	14773
102	0074	0810	29667	475	2310	14776
102	0098	0786	29781	491	2323	14772
102	0147	0807	30140	460 B	2348	14793
102	0196	0838	30385	401 B	2363	14816
102	0245	0859	30511	368 B	2369	14834
102	0294	0877	30599	339 B	2374	14850
102	0324	0893	30677	304 B	2377	14862

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	28010	663 B	2176	14758	0000	00000	6066
0010	0856 B	27992	605 B	2173	14762	0061	00003	6087
0020	0819	28312	545 C	2203	14753	0120	00012	5800
0030	0816	28715	520 B	2235	14759	0177	00027	5497
0050	0824	29339	490 B	2283	14773	0283	00069	5043
0075	0809	29673	476	2311	14776	0406	00148	4775
0100	0786	29795	491	2324	14772	0524	00253	4658
0125	0791 B	2997 D	481 B	2337	14781	0640	00386	4533
0151	0809	30158	456 B	2349	14794	0752	00544	4423
0176	0825	30294	426 B	2357	14806	0863	00727	4348
0201	0840	30398	398 B	2363	14817	0971	00935	4294
0226	0851	30469	380 B	2367	14827	1079	01169	4261
0251	0861	30520	366 B	2370	14835	1185	01429	4241
0301	0880	30614	333 B	2374	14852	1398	02026	4206

C-REF-NO 004	YR 1968	DEPTH 225	WAVES 1	XX	AIR T	VIS
CONS. NO 015	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 013
LAT 49-553N	DAY 23	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-553W	HR 11.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
119	0000	0700 B	28114		2203	14701
119	0005	0856 B	28090		2181	14762
119	0010	0858 B	28100		2181	14764
119	0020	0858	28186		2188	14767
119	0030	0837	28418		2209	14763
119	0050	0820	29620		2305	14775
119	0075	0796	29769		2320	14772
119	0100	0793	30164		2352	14780
119	0150	0821	30393		2366	14802
119	0200	0850	30395		2362	14821

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	28114		2203	14701	0000	00000	5799
0010	0858 B	28100		2181	14764	0059	00003	6009
0020	0858	28186		2188	14767	0119	00012	5945
0030	0837	28418		2209	14763	0178	00027	5746
0050	0820	29620		2305	14775	0284	00070	4828
0075	0796	29769		2320	14772	0403	00146	4687
0100	0793	30164		2352	14780	0517	00247	4391
0125	0804	3027 I		2359	14790	0627	00373	4324
0151	0821	30393		2366	14802	0735	00525	4266
0176	0835	3042 B		2366	14812	0842	00703	4261
0201	0850	30395		2362	14821	0949	00910	4311



C-REF-NO 004	YR 1968	DEPTH 320	WAVES 1	XX	AIR T	VIS
CONS. NO 016	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 014
LAT 49-529N	DAY 23	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-594W	HR 12.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
127	0000	0830 B	28237	663 B	2196	14753
127	0005	0841 B	28224	664 B	2193	14758
127	0010	0840 B	28223	661 B	2194	14759
127	0020	0839	28252	659 B	2196	14760
127	0030	0829	28699	592 B	2232	14764
127	0050	0826	29138	514 B	2267	14771
127	0075	0815	29354	482 B	2285	14774
127	0100	0792	29779	479 B	2322	14775
127	0150	0815	30128	446 B	2346	14796
127	0200	0838	30324	410 B	2358	14816
127	0250	0860	30478	373 B	2367	14834
127	0300	0883	30614	328 B	2374	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	28237	663 B	2196	14753	0000	00000	5869
0010	0840 B	28223	661 B	2194	14759	0059	00003	5893
0020	0839	28252	659 B	2196	14760	0118	00012	5871
0030	0829	28699	592 B	2232	14764	0175	00027	5525
0050	0826	29138	514 B	2267	14771	0283	00070	5196
0075	0815	29354	482 B	2285	14774	0411	00152	5021
0100	0792	29779	479 B	2322	14775	0533	00260	4678
0125	0798 B	2995 I	465 B	2335	14783	0649	00393	4559
0151	0815	30128	446 B	2346	14796	0762	00553	4454
0176	0827	3023 B	428 B	2353	14806	0873	00737	4392
0201	0838	30324	410 B	2358	14816	0983	00948	4347
0226	0849	30405	392 B	2363	14825	1091	01184	4306
0251	0860	30478	373 B	2367	14834	1199	01446	4270
0301	0883	30614	328 B	2374	14853	1412	02046	4210



C-REF-NO 004	YR 1968	DEPTH 137	WAVES 1	XX	AIR T	VIS
CONS. NO 017	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 015
LAT 49-516N	DAY 23	NO.DPTH 9	WND-DIR		WW-CODE	
LON 125-016W	HR 13.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
134	0000	0830 B	28283		2200	14754
134	0005	0835 B	28261		2197	14756
134	0010	0833 B	28327		2203	14757
134	0020	0822	28791		2240	14761
134	0030	0837	28895		2246	14769
134	0050	0823	29227		2274	14771
134	0075	0820	29420		2290	14777
134	0100	0813	29598		2305	14780
134	0120	0823 B	29555		2300	14787

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	28283		2200	14754	0000	00000	5835
0010	0833 B	28327		2203	14757	0058	00003	5805
0020	0822	28791		2240	14761	0115	00012	5446
0030	0837	28895		2246	14769	0169	00025	5389
0050	0823	29227		2274	14771	0275	00068	5125
0075	0820	29420		2290	14777	0401	00149	4979
0100	0813	29598		2305	14780	0525	00259	4840

C-REF-NO 004	YR 1968	DEPTH 155	WAVES 1	XX	AIR T	VIS
CONS. NO 018	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 016
LAT 49-572N	DAY 23	NO.DPTH 9	WND-DIR		WW-CODE	
LON 125-075W	HR 14.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
144	0000	0820 B	28638	611 B	2229	14755
144	0005	0831 B	28674	598 B	2230	14760
144	0010	0828 B	28951	540 B	2252	14763
144	0020	0826	29156	532 B	2268	14767
144	0030	0830	29195	544	2271	14770
144	0050	0830	29249	526 B	2275	14774
144	0075	0820	29514	504 B	2297	14778
144	0100	0806	29801	472 B	2321	14780
144	0140	0818	30001	441 B	2335	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0820 B	28638	611 B	2229	14755	0000	00000	5556
0010	0828 B	28951	540 B	2252	14763	0055	00003	5333
0020	0826	29156	532 B	2268	14767	0107	00011	5178
0030	0830	29195	544	2271	14770	0159	00024	5156
0050	0830	29249	526 B	2275	14774	0262	00066	5118
0075	0820	29514	504 B	2297	14778	0388	00146	4911
0100	0806	29801	472 B	2321	14780	0508	00254	4679
0125	0809	2995 B	451 B	2333	14788	0625	00387	4571

C-REF-NO 004	YR 1968	DEPTH 271	WAVES 1	XX	AIR T	VIS
CONS. NO 019	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 017
LAT 49-588N	DAY 23	NO.DPTH 11	WND-DIR		WW-CODE	
LON 125-044W	HR 15.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARG		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
150	0000	0830 B	28239		2196	14753
150	0005	0835 B	28237		2195	14756
150	0010	0834 B	28264		2198	14757
150	0020	0827	28471		2215	14758
150	0030	0825	28760		2238	14763
150	0050	0828	29001		2256	14770
150	0075	0817	29585		2303	14778
150	0100	0798	29866		2328	14778
150	0150	0811	30101		2344	14794
150	0200	0845	30363		2360	14819
150	0250	0873	30553		2371	14840

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	28239		2196	14753	0000	00000	5868
0010	0834 B	28264		2198	14757	0059	00003	5854
0020	0827	28471		2215	14758	0117	00012	5691
0030	0825	28760		2238	14763	0173	00026	5474
0050	0828	29001		2256	14770	0281	00070	5300
0075	0817	29585		2303	14778	0408	00151	4853
0100	0798	29866		2328	14778	0527	00257	4620
0125	0799	2998 I		2337	14784	0642	00389	4537
0151	0811	30101		2344	14794	0755	00548	4469
0176	0827	3023 B		2352	14806	0866	00733	4395
0201	0845	30363		2360	14819	0976	00943	4328
0226	0859	30465		2366	14830	1084	01178	4276
0251	0873	30553		2371	14840	1191	01438	4233

C-REF-NO 004	YR 1968	DEPTH 154	WAVES 1	XX	AIR T	VIS
CONS. NO 020	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 018
LAT 49-592N	DAY 23	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-589W	HR 15.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	0000	0860 B	28139		2184	14764
158	0005	0859 B	28124		2183	14764
158	0010	0858 B	28134		2184	14764
158	0020	0840	28177		2190	14760
158	0030	0850	28314		2199	14767
158	0050	0826	29097		2264	14771
158	0075	0807	29628		2308	14774
158	0100	0809	29754		2317	14781
158	0140	0812 B	30015		2337	14792

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	28139		2184	14764	0000	00000	5983
0010	0858 B	28134		2184	14764	0060	00003	5984
0020	0840	28177		2190	14760	0120	00012	5928
0030	0850	28314		2199	14767	0179	00027	5841
0050	0826	29097		2264	14771	0290	00072	5227
0075	0807	29628		2308	14774	0416	00152	4807
0100	0809	29754		2317	14781	0535	00259	4719
0125	0810	2992 D		2331	14788	0652	00393	4595



C-REF-NO 004	YR 1968	DEPTH 263	WAVES 1	XX	AIR T	VIS
CONS. NO 021	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 019
LAT 50-011N	DAY 23	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-529W	HR 16.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
167	0000	0860 B	27757		2154	14759
167	0005	0866 B	27614		2142	14760
167	0010	0868 B	27754		2153	14763
167	0020	0829	28304		2201	14757
167	0030	0822	28518		2219	14759
167	0050	0827	29200		2272	14773
167	0075	0812	29653		2309	14777
167	0100	0812	29840		2324	14783
167	0150	0857 B	30250		2349	14814
167	0200	0869	30446		2363	14829
167	0250	0874	30552		2370	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	27757		2154	14759	0000	00000	6268
0010	0868 B	27754		2153	14763	0063	00003	6281
0020	0829	28304		2201	14757	0124	00012	5818
0030	0822	28518		2219	14759	0181	00027	5651
0050	0827	29200		2272	14773	0289	00071	5151
0075	0812	29653		2309	14777	0414	00150	4796
0100	0812	29840		2324	14783	0533	00256	4659
0125	0833 B	3005 D		2338	14798	0648	00389	4530
0151	0857 B	30250		2349	14814	0761	00547	4423
0176	0865	3036 B		2357	14823	0871	00730	4351
0201	0869	30446		2363	14829	0980	00938	4301
0226	0873	30513		2367	14836	1087	01172	4260
0251	0874	30552		2370	14841	1194	01432	4235

C-REF-NO 004	YR 1968	DEPTH 327	WAVES 1	XX	AIR T	VIS
CONS. NO 022	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 020
LAT 49-473N	DAY 23	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-322W	HR 18.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
186	0000	0880 B	27335	666 B	2119	14761
186	0005	0874 B	27343	668 B	2120	14760
186	0010	0864 B	27347	652 B	2122	14757
186	0020	0852	27453	647 B	2132	14755
186	0030	0810	28190	598 B	2195	14750
186	0050	0794	29295	486	2284	14761
186	0075	0777	29603	515 B	2310	14762
186	0100	0772	29782	509 B	2325	14767
186	0150	0842	30176	431 B	2346	14807
186	0200	0886	30593	323 B	2372	14838
186	0250	0896	30755	278 B	2383	14852
186	0300	0897	30852	247 B	2390	14861

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	27335	666 B	2119	14761	0000	00000	6611
0010	0864 B	27347	652 B	2122	14757	0066	00003	6580
0020	0852	27453	647 B	2132	14755	0132	00013	6485
0030	0810	28190	598 B	2195	14750	0194	00029	5881
0050	0794	29295	486	2284	14761	0303	00073	5035
0075	0777	29603	515 B	2310	14762	0426	00151	4787
0100	0772	29782	509 B	2325	14767	0545	00257	4649
0125	0802 C	29975	477 B	2336	14785	0660	00390	4548
0151	0842	30176	431 B	2346	14807	0773	00549	4456
0176	0868	3039 D	375 B	2359	14824	0884	00732	4331
0201	0886	30593	323 B	2372	14838	0991	00938	4216
0226	0894	3069 C	296 B	2379	14846	1096	01166	4157
0251	0896	30755	278 B	2383	14852	1200	01419	4118
0301	0897	30852	247 B	2390	14861	1406	01997	4055

C-REF-NO 004	YR 1968	DEPTH 335	WAVES 1 XX	AIR T	VIS
CONS. NO 023	MONTH 4	MXSAMPD 03	WAVES 2 XX	WET B	STN 021
LAT 49-438N	DAY 23	NO.DPTH 12	WND-DIR	WW-CODE	
LON 124-219W	HR 19.7	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
197	0000	0990 B	26087		2006	14787
197	0005	0876 B	27504		2132	14762
197	0010	0838 B	27780		2159	14752
197	0020	0804	28157		2193	14745
197	0030	0799	28820		2246	14754
197	0050	0788	29389		2292	14760
197	0075	0778	29623		2311	14763
197	0100	0774	29767		2323	14767
197	0150	0843 B	30231		2350	14808
197	0200	0877	30593		2373	14834
197	0250	0889	30787		2386	14849
197	0300	0895	30864		2392	14861

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0990 B	26087		2006	14787	0000	00000	7695
0010	0838 B	27780		2159	14752	0070	00003	6221
0020	0804	28157		2193	14745	0130	00012	5896
0030	0799	28820		2246	14754	0187	00027	5395
0050	0788	29389		2292	14760	0291	00069	4958
0075	0778	29623		2311	14763	0413	00146	4773
0100	0774	29767		2323	14767	0531	00252	4663
0125	0804 C	2999 I		2337	14786	0647	00385	4533
0151	0843 B	30231		2350	14808	0759	00543	4417
0176	0864	30429		2362	14823	0869	00725	4302
0201	0877	30593		2373	14834	0976	00930	4202
0226	0885	30708		2381	14843	1080	01157	4133
0251	0889	30787		2386	14849	1184	01408	4085
0301	0895	30864		2392	14861	1388	01984	4043



C-REF-NO 004	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 024	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 022
LAT 49-403N	DAY 23	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-220W	HR 20.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
206	0000	0940 B	27564		2128	14787
206	0005	0895 B	27548		2133	14770
206	0010	0869 B	27626		2143	14762
206	0020	0812	28082		2186	14748
206	0030	0797	28654		2233	14751
206	0050	0786	29451		2297	14760
206	0075	0784	29638		2312	14766
206	0100	0793	29796		2323	14775
206	0150	0849	30250		2350	14811
206	0200	0863	30578		2374	14829
206	0250	0880	30755		2385	14846
206	0300	0887	30822		2390	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	27564		2128	14787	0000	00000	6523
0010	0869 B	27626		2143	14762	0065	00003	6377
0020	0812	28082		2186	14748	0126	00013	5963
0030	0797	28654		2233	14751	0184	00027	5517
0050	0786	29451		2297	14760	0289	00069	4909
0075	0784	29638		2312	14766	0410	00147	4769
0100	0793	29796		2323	14775	0529	00253	4666
0125	0820 B	3001 D		2337	14793	0644	00385	4540
0151	0849	30250		2350	14811	0757	00543	4412
0176	0858	30431		2363	14821	0866	00725	4293
0201	0863	30578		2374	14829	0972	00929	4194
0226	0872	30683		2381	14837	1077	01157	4133
0251	0880	30755		2385	14846	1181	01408	4095
0301	0887	30822		2390	14857	1386	01985	4062



C-REF-NO 004	YR 1968	DEPTH 307	WAVES 1	XX	AIR T	VIS
CONS. NO 025	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 023
LAT 49-351N	DAY 23	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-096W	HR 21.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
217	0000	0940 B	27369		2113	14784
217	0005	0903 B	27343		2116	14771
217	0010	0862 B	27692		2149	14760
217	0020	0809	28248		2200	14748
217	0030	0795	28898		2252	14753
217	0050	0788	29387		2292	14760
217	0075	0780	29595		2309	14763
217	0100	0780	29719		2319	14769
217	0150	0822 B	30154		2347	14799
217	0200	0849	30513		2371	14822
217	0250	0877	30725		2383	14844
217	0280	0890	30845		2391	14855

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	27369		2113	14784	0000	00000	6668
0010	0862 B	27692		2149	14760	0065	00003	6319
0020	0809	28248		2200	14748	0126	00012	5835
0030	0795	28898		2252	14753	0182	00027	5332
0050	0788	29387		2292	14760	0285	00068	4959
0075	0780	29595		2309	14763	0408	00146	4796
0100	0780	29719		2319	14769	0527	00253	4707
0125	0798 B	2993 I		2333	14783	0643	00387	4572
0151	0822 B	30154		2347	14799	0757	00546	4445
0176	0836	30347		2360	14811	0867	00729	4324
0201	0849	30513		2371	14822	0974	00935	4223
0226	0863	3062 B		2378	14833	1079	01164	4160
0251	0877	30725		2383	14844	1183	01416	4111

C-REF-NO 004	YR 1968	DEPTH 433	WAVES 1	XX	AIR T	VIS
CONS. NO 026	MONTH 4	MXSAMPD 04	WAVES 2	XX	WET B	STN 024
LAT 49-303N	DAY 23	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-060W	HR 22.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
226	0000	0900 B	27814	657 B	2153	14775
226	0005	0889 B	27719	666 B	2147	14770
226	0010	0849 B	27816	647 B	2161	14757
226	0020	0801	28689	542 B	2235	14751
226	0030	0798	29228	518 B	2278	14758
226	0050	0790	29431	499	2295	14761
226	0075	0783	29596	520 B	2309	14765
226	0100	0782	29744	505 B	2320	14770
226	0150	0821 B	30206	431 B	2351	14800
226	0200	0854	30552	365 B	2373	14825
226	0250	0875	30724	316 B	2384	14843
226	0300	0888	30783	284 B	2386	14857
226	0400	0897	30917	263 B	2395	14879

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	27814	657 B	2153	14775	0000	00000	6280
0010	0849 B	27816	647 B	2161	14757	0063	00003	6209
0020	0801	28689	542 B	2235	14751	0121	00012	5494
0030	0798	29228	518 B	2278	14758	0174	00025	5089
0050	0790	29431	499	2295	14761	0275	00066	4929
0075	0783	29596	520 B	2309	14765	0397	00144	4799
0100	0782	29744	505 B	2320	14770	0516	00251	4690
0125	0798 B	2997 I	471 B	2336	14784	0632	00384	4543
0151	0821 B	30206	431 B	2351	14800	0744	00542	4405
0176	0839	30397	396 B	2363	14813	0854	00723	4290
0201	0854	30552	365 B	2373	14825	0960	00928	4200
0226	0866	30656	338 B	2380	14835	1065	01156	4143
0251	0875	30724	316 B	2384	14843	1169	01408	4110
0301	0888	30783	284 B	2386	14857	1375	01988	4093
0402	0897	30917	263 B	2395	14879	1783	03450	4022

C-REF-NO 004	YR 1968	DEPTH 316	WAVES 1	XX	AIR T	VIS
CONS. NO 027	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 025
LAT 49-276N	DAY 23	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-076W	HR 23.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
233	0000	0910 B	27875		2156	14779
233	0005	0903 B	27856		2156	14777
233	0010	0886 B	27908		2162	14772
233	0020	0806	28971		2257	14757
233	0030	0792	29182		2275	14756
233	0050	0792	29393		2292	14761
233	0075	0795	29593		2307	14769
233	0100	0787	29753		2320	14772
233	0150	0800	30122		2347	14790
233	0200	0847	30525		2372	14822
233	0250	0873	30724		2384	14842
233	0280	0883	30794		2388	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0910 B	27875		2156	14779	0000	00000	6249
0010	0886 B	27908		2162	14772	0062	00003	6190
0020	0806	28971		2257	14757	0120	00012	5290
0030	0792	29182		2275	14756	0172	00025	5116
0050	0792	29393		2292	14761	0273	00066	4960
0075	0795	29593		2307	14769	0396	00144	4817
0100	0787	29753		2320	14772	0515	00251	4690
0125	0789	29931		2334	14779	0631	00385	4563
0151	0800	30122		2347	14790	0744	00543	4439
0176	0823	3033 C		2361	14806	0854	00726	4315
0201	0847	30525		2372	14822	0962	00931	4211
0226	0862	3064 B		2379	14833	1067	01160	4147
0251	0873	30724		2384	14842	1170	01412	4108



C-REF-NO 004	YR 1968	DEPTH 241	WAVES 1	XX	AIR T	VIS
CONS. NO 028	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 026
LAT 49-143N	DAY 24	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-519W	HR 01.7	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
017	0000	0900 B	27582		2135	14772
017	0005	0872 B	27513		2134	14761
017	0010	0836 B	27835		2164	14752
017	0020	0799	28598		2228	14749
017	0030	0812	29014		2259	14761
017	0050	0805	29343		2286	14766
017	0075	0788	29609		2309	14767
017	0100	0783	29789		2324	14771
017	0150	0810 B	30211		2353	14795
017	0200	0853	30559		2374	14825

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	27582		2135	14772	0000	00000	6453
0010	0836 B	27835		2164	14752	0063	00003	6177
0020	0799	28598		2228	14749	0122	00012	5560
0030	0812	29014		2259	14761	0176	00026	5268
0050	0805	29343		2286	14766	0280	00068	5015
0075	0788	29609		2309	14767	0403	00146	4795
0100	0783	29789		2324	14771	0521	00252	4659
0125	0792	2999 B		2339	14782	0637	00384	4517
0151	0810 B	30211		2353	14795	0748	00541	4386
0176	0829	30392		2364	14809	0857	00722	4281
0201	0853	30559		2374	14825	0964	00927	4193



C-REF-NO 004	YR 1968	DEPTH 402	WAVES 1	XX	AIR T	VIS
CONS. NO 029	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 027
LAT 49-190N	DAY 24	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-481W	HR 02.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
025	0000	1050 B	27285	672 B	2089	14824
025	0005	0944 B	27220	686 B	2100	14785
025	0010	0899 B	27405	679 B	2121	14771
025	0020	0808 B	28489	562 B	2219	14751
025	0030	0793	28990	537 B	2260	14753
025	0050	0787	29475	513 B	2299	14761
025	0075	0778	29695	517	2317	14764
025	0100	0783	29901	502 B	2332	14773
025	0150	0813	30252	450 B	2356	14797
025	0200	0855	30577	365 B	2375	14826
025	0250	0875	30756	316 B	2386	14844
025	0300	0885	30834	295 B	2391	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1050 B	27285	672 B	2089	14824	0000	00000	6893
0010	0899 B	27405	679 B	2121	14771	0067	00003	6584
0020	0808 B	28489	562 B	2219	14751	0129	00013	5653
0030	0793	28990	537 B	2260	14753	0184	00026	5261
0050	0787	29475	513 B	2299	14761	0285	00068	4892
0075	0778	29695	517	2317	14764	0406	00144	4719
0100	0783	29901	502 B	2332	14773	0523	00249	4575
0125	0796	30083	480 B	2345	14784	0636	00379	4458
0151	0813	30252	450 B	2356	14797	0747	00535	4360
0176	0835	3042 B	407 B	2366	14812	0855	00715	4264
0201	0855	30577	365 B	2375	14826	0961	00918	4182
0226	0867	30682	336 B	2382	14836	1066	01145	4126
0251	0875	30756	316 B	2386	14844	1169	01396	4087
0301	0885	30834	295 B	2391	14857	1373	01972	4050

C-REF-NO 004	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 030	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 028
LAT 49-242N	DAY 24	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-453W	HR 03.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
033	0000	0960 B	25433		1959	14767
033	0005	0869 B	27026		2096	14754
033	0010	0819 B	27989		2178	14747
033	0020	0797	28805		2245	14751
033	0030	0805	29100		2267	14760
033	0050	0794	29379		2290	14762
033	0075	0797	29382		2290	14767
033	0100	0798	29953		2334	14779

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0960 B	25433		1959	14767	0000	00000	8141
0010	0819 B	27989		2178	14747	0071	00003	6040
0020	0797	28805		2245	14751	0128	00012	5402
0030	0805	29100		2267	14760	0182	00025	5194
0050	0794	29379		2290	14762	0284	00067	4974
0075	0797	29382		2290	14767	0408	00147	4977
0100	0798	29953		2334	14779	0528	00253	4556

C-REF-NO 004	YR 1968	DEPTH 338	WAVES 1	XX	AIR T	VIS
CONS. NO 031	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 079
LAT 49-174N	DAY 24	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-349W	HR 04.3	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
043	0000	0950 B	25474		1964	14764
043	0005	0948 B	27413		2115	14789
043	0010	0878 B	27667		2145	14766
043	0020	0800	28565		2226	14749
043	0030	0792	29149		2272	14755
043	0049	0788	29411		2293	14760
043	0074	0788	29690		2315	14768
043	0099	0793	29992		2338	14778
043	0148	0823 B	30331		2361	14802
043	0197	0834	30515		2373	14816
043	0247	0858	30663		2381	14835
043	0296	0885	30850		2392	14856

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0950 B	25474		1964	14764	0000	00000	8097
0010	0878 B	27667		2145	14766	0072	00003	6359
0020	0800	28565		2226	14749	0132	00012	5586
0030	0792	29149		2272	14755	0186	00026	5140
0050	0788	29423		2294	14760	0287	00067	4932
0075	0788	29703		2316	14768	0408	00144	4726
0100	0794	30001		2339	14778	0524	00248	4514
0125	0808 B	3020 C		2353	14791	0636	00376	4336
0151	0824 B	30340		2361	14802	0745	00529	4309
0176	0829	3044 B		2368	14810	0853	00708	4242
0201	0835	30524		2374	14817	0959	00911	4194
0226	0846	30598		2378	14827	1064	01140	4153
0251	0860	30674		2382	14837	1168	01393	4125

C-REF-NO 004	YR 1968	DEPTH 190	WAVES 1	XX	AIR T	VIS
CONS. NO 032	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 029
LAT 49-236N	DAY 24	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-253W	HR 05.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
054	0000	0990 B	24370	684 B	1872	14765
054	0005	0972 B	24543	687 B	1888	14762
054	0010	0825 B	27210	583 B	2117	14740
054	0020	0786	28931	509	2256	14748
054	0030	0786	29271	517 B	2283	14754
054	0049	0786	29522	514 B	2302	14761
054	0074	0781	29705	517 B	2317	14765
054	0099	0787	29823	493 B	2326	14773
054	0148	0807	30118	465 B	2346	14793

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SWA
0000	0990 B	24370	684 B	1872	14765	0000	00000	4974
0010	0825 B	27210	583 B	2117	14740	0078	00003	6531
0020	0786	28931	509	2256	14748	0138	00012	5294
0030	0786	29271	517 B	2283	14754	0190	00025	5041
0050	0786	29532	514 B	2303	14761	0289	00066	4849
0075	0781	29710	516 B	2318	14765	0409	00142	4712
0100	0787	29829	492 B	2326	14773	0526	00247	4634
0125	0796	29974	477 B	2336	14783	0641	00379	4540
*0151	0808	30131	464 B	2347	14794	0754	00538	4443



C-REF-NO 004	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 033	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 030
LAT 49-253N	DAY 24	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-223W	HR 06.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
060	0000	0980 B	23961		1842	14757
060	0005	0916 B	25095		1939	14747
060	0010	0802 B	28139		2192	14743
060	0020	0786	29135		2272	14751
060	0030	0789	29242		2280	14755
060	0050	0799	29544		2302	14766
060	0075	0799	29758		2319	14773
060	0100	0806	29868		2327	14781
060	0150	0815	30195		2351	14797
060	0200	0842	30491		2370	14819

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	23961		1842	14757	0000	00000	9270
0010	0802 B	28139		2192	14743	0076	00003	5906
0020	0786	29135		2272	14751	0131	00011	5142
0030	0789	29242		2280	14755	0183	00024	5068
0050	0799	29544		2302	14766	0282	00065	4857
0075	0799	29758		2319	14773	0402	00141	4699
0100	0806	29868		2327	14781	0519	00246	4630
0125	0810	3002 C		2338	14789	0634	00378	4521
0151	0815	30195		2351	14797	0746	00535	4404
0176	0827	30345		2361	14808	0856	00717	4313
0201	0842	30491		2370	14819	0963	00923	4229

C-REF-NO 004	YR 1968	DEPTH 230	WAVES 1	XX	AIR T	VIS
CONS. NO 034	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 031
LAT 49-314N	DAY 24	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-271W	HR 07.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
072	0000	0980 B	22398	626 B	1721	14737
072	0005	0909 B	25002	641 B	1933	14743
072	0010	0808 B	27546	556 B	2145	14737
072	0020	0776	28908	512 B	2256	14744
072	0030	0785	29185	513 B	2276	14753
072	0050	0789	29497	504 B	2300	14762
072	0075	0791	29706	502 B	2316	14769
072	0100	0802	29820	481 B	2324	14779
072	0150	0849	30163	419 B	2344	14810
072	0200	0855	30517	362 B	2370	14825

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	22398	626 B	1721	14737	0000	00000	10441
0010	0808 B	27546	556 B	2145	14737	0084	00003	6357
0020	0776	28908	512 B	2256	14744	0142	00012	5299
0030	0785	29185	513 B	2276	14753	0195	00025	5104
0050	0789	29497	504 B	2300	14762	0295	00066	4879
0075	0791	29706	502 B	2316	14769	0415	00143	4727
0100	0802	29820	481 B	2324	14779	0533	00248	4661
0125	0826 B	2998 B	451 B	2333	14794	0649	00381	4577
0151	0849	30163	419 B	2344	14810	0763	00541	4475
0176	0856	30337	390 B	2356	14819	0874	00725	4360
0201	0855	30517	362 B	2370	14825	0982	00932	4228

C-REF-NO 004	YR 1968	DEPTH 230	WAVES 1	XX	AIR T	VIS
CONS. NO 035	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 032
LAT 49-387N	DAY 24	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-145W	HR 08.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
085	0000	0890 B	21211	677 B	1641	14688
085	0005	0913 B	22772	676 B	1759	14717
085	0010	0808 B	27189	562 B	2117	14733
085	0020	0782	28817	514 B	2248	14745
085	0030	0788	29241	521 B	2280	14755
085	0050	0793	29483	496 B	2298	14763
085	0075	0808	29714	480 B	2314	14776
085	0100	0872	30188	279 B	2342	14811
085	0150	0875	30288	177 B	2350	14821
085	0200	0870	30259	132	2348	14827

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0890 B	21211	677 B	1641	14688	0000	00000	11216
0010	0808 B	27189	562 B	2117	14733	0089	00003	6624
0020	0782	28817	514 B	2248	14745	0149	00012	5374
0030	0788	29241	521 B	2280	14755	0202	00026	5066
0050	0793	29483	496 B	2298	14763	0302	00066	4894
0075	0808	29714	480 B	2314	14776	0423	00143	4745
0100	0872	30188	279 B	2342	14811	0538	00246	4483
0125	0884 C	3023 I	228 I	2344	14820	0651	00376	4468
0151	0875	30288	177 B	2350	14821	0762	00533	4420
0176	0875	3030 C	143 B	2351	14826	0873	00717	4414
0201	0870	30259	132	2348	14827	0985	00931	4441

C-REF-NO 004	YR 1968	DEPTH 174	WAVES 1	XX	AIR T	VIS
CONS. NO 036	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 033
LAT 49-326N	DAY 24	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-163W	HR 09.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
094	0000	0900 B	24334	654 B	1882	14731
094	0005	0821 B	27133	653 B	2111	14736
094	0010	0805 B	27742	556 B	2161	14739
094	0020	0781	28776	524 B	2245	14744
094	0030	0786	29205	524 B	2278	14753
094	0050	0794 B	29563	498	2305	14764
094	0075	0806	29777	524 B	2320	14776
094	0100	0807	29869	530 B	2327	14782
094	0150	0815	30208	449 B	2352	14797

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	24334	654 B	1882	14731	0000	00000	8882
0010	0805 B	27742	556 B	2161	14739	0076	00003	6207
0020	0781	28776	524 B	2245	14744	0134	00012	5403
0030	0786	29205	524 B	2278	14753	0186	00025	5090
0050	0794 B	29563	498	2305	14764	0286	00066	4837
0075	0806	29777	524 B	2320	14776	0406	00142	4695
0100	0807	29869	530 B	2327	14782	0523	00247	4631
0125	0811	3002 C	504 B	2338	14789	0638	00379	4524
0151	0815	30208	449 B	2352	14797	0750	00536	4395



C-REF-NO 004	YR 1968	DEPTH 241	WAVES 1	XX	AIR T	VIS
CONS. NO 037	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 034
LAT 49-305N	DAY 24	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-197W	HR 10.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
103	0000	0930 B	23683		1828	14734
103	0005	0923 B	24182		1867	14738
103	0010	0796 B	27977		2180	14738
103	0020	0779	28899		2255	14745
103	0030	0785	29189		2277	14753
103	0050	0787	29530		2303	14761
103	0075	0795	29716		2316	14771
103	0100	0790	29800		2324	14774
103	0150	0825 B	30157		2347	14800
103	0200	0845	30493		2370	14821

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	23683		1828	14734	0000	00000	9410
0010	0796 B	27977		2180	14738	0077	00003	6019
0020	0779	28899		2255	14745	0134	00012	5309
0030	0785	29189		2277	14753	0186	00025	5100
0050	0787	29530		2303	14761	0286	00065	4852
0075	0795	29716		2316	14771	0406	00142	4725
0100	0790	29800		2324	14774	0524	00247	4660
0125	0805 B	2996 D		2334	14786	0640	00380	4559
0151	0825 B	30157		2347	14800	0753	00539	4447
0176	0836 B	30324		2358	14811	0863	00723	4341
0201	0845	30493		2370	14821	0971	00929	4232

C-REF-NO 004	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 038	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 035
LAT 49-239N	DAY 24	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-175W	HR 11.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
112	0000	0950 B	23672	666 B	1824	14742
112	0005	0962 B	23791	668 B	1831	14748
112	0010	0865 B	26841	590 B	2082	14751
112	0020	0786	28904	511 B	2254	14748
112	0030	0794	29251	531 B	2280	14757
112	0050	0800	29557	523 B	2303	14767
112	0075	0806	29714	528 B	2315	14775
112	0100	0811	29923	516 B	2330	14784
112	0150	0818	30123	500 B	2345	14797
112	0220	0855	30583	347 B	2376	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0950 B	23672	666 B	1824	14742	0000	00000	9445
0010	0865 B	26841	590 B	2082	14751	0082	00004	6959
0020	0786	28904	511 B	2254	14748	0144	00013	5315
0030	0794	29251	531 B	2280	14757	0196	00026	5066
0050	0800	29557	523 B	2303	14767	0295	00066	4848
0075	0806	29714	528 B	2315	14775	0415	00143	4741
0100	0811	29923	516 B	2330	14784	0533	00248	4595
0125	0814	3002 I	512 B	2338	14790	0647	00379	4528
0151	0818	30123	500 B	2345	14797	0760	00538	4463
0176	0828	3027 B	461 B	2355	14807	0871	00722	4370
0201	0842	3043 B	405 B	2366	14819	0980	00930	4269

C-REF-NO 004	YR 1968	DEPTH 124	WAVES 1	XX	AIR T	VIS
CONS. NO 039	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 036
LAT 49-190N	DAY 24	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-199W	HR 12.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
121	0000	0920 B	25615	624 B	1979	14755
121	0005	0922 B	25344	615 B	1958	14753
121	0010	0836 B	27279	562 B	2120	14745
121	0020	0785	28901	511	2254	14748
121	0030	0799	29308	520 B	2284	14760
121	0049	0803	29581	532	2305	14768
121	0074	0810	29787	527 B	2320	14777
121	0098	0812	29935	527 B	2331	14784

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0920 B	25615	624 B	1979	14755	0000	00000	7950
0010	0836 B	27279	562 B	2120	14745	0073	00003	6593
0020	0785	28901	511	2254	14748	0132	00012	5316
0030	0799	29308	520 B	2284	14760	0184	00025	5031
0050	0803	29591	532	2305	14768	0283	00066	4828
0075	0810	29794	527 B	2320	14778	0403	00142	4687

C-REF-NO 004	YR 1968	DEPTH 234	WAVES 1	XX	AIR T	VIS
CONS. NO 040	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 037
LAT 49-136N	DAY 24	NO.DPTH 10	WND-DIR		WW-CODE	
LOX 123-208W	HR 13.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
130	0000	0930 B	24527		1893	14745
130	0005	0886 B	26075		2020	14748
130	0010	0832 B	27649		2150	14748
130	0020	0797	28633		2231	14749
130	0030	0802	29123		2269	14759
130	0050	0788	29487		2299	14761
130	0075	0784	29720		2318	14767
130	0100	0800	29879		2328	14779
130	0150	0822 B	30329		2361	14801
130	0200	0829	30452		2369	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	24527		1893	14745	0000	00000	8777
0010	0832 B	27649		2150	14748	0076	00003	6312
0020	0797	28633		2231	14749	0135	00012	5531
0030	0802	29123		2269	14759	0189	00026	5172
0050	0788	29487		2299	14761	0289	00067	4885
0075	0784	29720		2318	14767	0410	00143	4708
0100	0800	29879		2328	14779	0527	00248	4613
0125	0813	3010 I		2344	14791	0641	00379	4466
0151	0822 B	30329		2361	14801	0751	00534	4315
0176	0827	3042 B		2367	14809	0859	00713	4254
0201	0829	30452		2369	14814	0965	00917	4239



2-REF-NO 004	YR 1968	DEPTH 307	WAVES 1	XX	AIR T	VIS
CONS. NO 041	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 038
AT 49-119N	DAY 24	NO.DPTH 11	WND-DIR		WW-CODE	
ON 123-262W	HR 16.6	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
166	0000		27168			
166	0005	0875 B	27338		2120	14760
166	0010	0849 B	27783		2158	14756
166	0020	0815	28210		2196	14750
166	0030	0804	28837		2246	14756
166	0050	0799	29372		2289	14764
166	0075	0782	29550		2305	14764
166	0100	0779	29819		2327	14770
166	0150	0816	30270		2357	14798
166	0200	0837	30559		2376	14818
166	0275	0868	30796		2390	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000		27168						
0010	0849 B	27783		2158	14756	0065	00003	6234
0020	0815	28210		2196	14750	0126	00012	5870
0030	0804	28837		2246	14756	0182	00027	5389
0050	0799	29372		2289	14764	0286	00069	4985
0075	0782	29550		2305	14764	0409	00147	4832
0100	0779	29819		2327	14770	0528	00253	4631
0125	0795 B	30062		2343	14783	0643	00385	4474
0151	0816	30270		2357	14798	0753	00540	4351
0176	0828	30431		2368	14809	0861	00720	4249
0201	0837	30559		2376	14818	0967	00923	4172
0226	0848	30666		2383	14828	1071	01149	4110
0251	0858	30745		2388	14837	1174	01399	4070

C-REF-NO. 004	YR 1968	DEPTH 388	WAVES 1	XX	AIR T	VIS
CONS. NO 042	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 039
LAT 49-098N	DAY 24	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-330W	HR 17.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
175	0000	0880 B	27014	692 B	2094	14757
175	0005	0883 B	27076	689 B	2098	14760
175	0010	0855 B	27566	659 B	2140	14756
175	0020	0812	28357	581 B	2208	14751
175	0029	0810	28632	551 B	2230	14755
175	0049	0803	29213	529 B	2276	14763
175	0074	0789	29554	530 B	2305	14766
175	0098	0787	29746	518 B	2320	14772
175	0147	0814 B	30194	448 B	2351	14796
175	0196	0841	30522	440 B	2373	14819
175	0245	0848	30671	372 B	2383	14831
175	0295	0881	30810	306 B	2389	14854
175	0344	0894	30912	261 B	2395	14868

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	27014	692 B	2094	14757	0000	00000	6850
0010	0855 B	27566	659 B	2140	14756	0066	00003	6404
0020	0812	28357	581 B	2208	14751	0127	00012	5757
0030	0810	28665	549 B	2232	14756	0184	00027	5525
0050	0802	29232	529 B	2278	14763	0290	00070	5095
0075	0789	29563	530 B	2305	14766	0415	00149	4831
0100	0788	29765	515 B	2321	14773	0534	00256	4683
0125	0799 B	2999 C	479 B	2338	14784	0650	00389	4529
0151	0816 B	30218	447 B	2353	14798	0762	00546	4387
0176	0831	30400	443 B	2365	14810	0871	00727	4278
0201	0841	30538	436 B	2374	14820	0977	00931	4194
0226	0845	3062 B	403 B	2380	14826	1082	01158	4139
0251	0851	30686	365 B	2384	14834	1186	01410	4103
0301	0883	30822	301 B	2390	14856	1391	01987	4056

C-REF-NO 004	YR 1968	DEPTH 161	WAVES 1	XX	AIR T	VIS
CONS. NO 043	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 040
LAT 49-086N	DAY 24	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-368W	HR 18.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
183	0000	0920 B	26815		2072	14770
183	0005	0891 B	26956		2088	14761
183	0010	0855 B	27572		2141	14756
183	0019	0810	28532		2222	14752
183	0029	0803	29101		2267	14759
183	0049	0798	29302		2284	14762
183	0073	0789	29532		2303	14766
183	0097	0780	29768		2322	14769
183	0146	0806	30086		2344	14792

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0920 B	26815		2072	14770	0000	00000	7053
0010	0855 B	27572		2141	14756	0067	00003	6399
0020	0808	28608		2228	14753	0127	00012	5565
0030	0803	2912 C		2269	14759	0181	00026	5171
0050	0798	29312		2284	14763	0284	00068	5029
0075	0788	29553		2305	14766	0407	00146	4838
0100	0780	29793		2324	14770	0526	00253	4652
0125	0788	29973		2337	14780	0642	00385	4532

C-REF-NO 004	YR 1968	DEPTH 214	WAVES 1	XX	AIR T	VIS
CONS. NO 044	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 041
LAT 49-003N	DAY 24	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-300W	HR 19.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
193	0000	0940 B	25805		1991	14765
193	0005	0943 B	26002		2006	14769
193	0010	0875 B	27390		2124	14761
193	0020	0805	28330		2207	14748
193	0030	0801	28981		2258	14756
193	0050	0808	29309		2283	14767
193	0075	0793	29522		2301	14768
193	0099	0786	29762		2321	14772
193	0149	0809 B	30113		2345	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	25805		1991	14765	0000	00000	7836
0010	0875 B	27390		2124	14761	0072	00003	6562
0020	0805	28330		2207	14748	0134	00013	5768
0030	0801	28981		2258	14756	0189	00027	5277
0050	0808	29309		2283	14767	0293	00069	5044
0075	0793	29522		2301	14768	0417	00148	4868
0100	0786	29771		2322	14772	0537	00255	4676
0125	0792	2996 B		2336	14781	0653	00388	4542
*0151	0810 B	30118		2346	14794	0766	00547	4455



-REF-NO 004	YR 1968	DEPTH 326	WAVES 1	XX	AIR T	VIS
CONS. NO 045	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STA 042
AT 49-018N	DAY 24	NO.DPTH 12	WND-DIR		WW-CODE	
ON 123-263W	HR 20.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
200	0000	0930 B	26460	685 B	2043	14769
200	0005	0911 B	26493	695 B	2049	14763
200	0010	0875 B	27259	692 B	2113	14760
200	0020	0824	27958	635 B	2175	14751
200	0030	0798	28808	524 B	2245	14753
200	0050	0790	29316	506	2286	14760
200	0074	0783	29624	524 B	2311	14765
200	0099	0805	29865	524 B	2327	14781
200	0149	0810	30209	471 B	2353	14795
200	0198	0836	30486	405 B	2371	14817
200	0248	0869	30775	328 B	2389	14841
200	0297	0885	30868	282 B	2393	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0930 B	26460	685 B	2043	14769	0000	00000	7333
0010	0875 B	27259	692 B	2113	14760	0070	00003	6660
0020	0824	27958	635 B	2175	14751	0134	00013	6071
0030	0798	28808	524 B	2245	14753	0191	00028	5402
0050	0790	29316	506	2286	14760	0296	00070	5014
0075	0784	29635	524 B	2312	14765	0419	00148	4771
0100	0805	29873	523 B	2327	14781	0537	00253	4625
0125	0809 B	3005 B	502 B	2341	14789	0651	00385	4494
0151	0810	30215	470 B	2353	14796	0763	00541	4383
0176	0822	30359	437 B	2363	14806	0872	00722	4295
0201	0837	30499	402 B	2372	14818	0978	00928	4216
0226	0854	3065 C	362 B	2381	14830	1083	01155	4130
0251	0870	30782	326 B	2389	14842	1186	01406	4060

C-REF-NO 004	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 046	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 043
LAT 49-033N	DAY 24	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-223W	HR 20.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
207	0000	0910 B	24781		1916	14740
207	0005	0895 B	25403		1966	14743
207	0010	0844 B	27598		2144	14752
207	0020	0803	28656		2232	14751
207	0030	0800	29028		2262	14757
207	0050	0787	29458		2297	14760
207	0075	0797	29817		2324	14773
207	0100	0806	29969		2335	14783
207	0150	0818	30253		2355	14799
207	0220	0822	30577		2380	14816

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0910 B	24781		1916	14740	0000	00000	3561
0010	0844 B	27598		2144	14752	0075	00003	6366
0020	0803	28656		2232	14751	0134	00012	5522
0030	0800	29028		2262	14757	0188	00026	5241
0050	0787	29458		2297	14760	0290	00067	4905
0075	0797	29817		2324	14773	0410	00143	4653
0100	0806	29969		2335	14783	0526	00247	4554
0125	0813	30115		2345	14791	0639	00377	4457
0151	0818	30253		2355	14799	0750	00532	4366
0176	0821	30378		2364	14806	0858	00713	4280
0201	0822	30493		2373	14812	0965	00917	4200

C-REF-NO 004	YR 1968	DEPTH 115	WAVES 1	XX	AIR T	VIS
CONS. NO 047	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 044
LAT 48-569N	DAY 24	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-059W	HR 23.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
236	0000	0900 B	24864	661 B	1924	14737
236	0005	0857 B	26565	593 B	2062	14743
236	0010	0813 B	28588	547 B	2226	14753
236	0020	0807	29034	547 B	2261	14758
236	0030	0813	29275	562	2279	14765
236	0050	0820	29670	546 B	2309	14776
236	0075	0814	29897	536 B	2328	14781
236	0090	0815	30001	531 B	2336	14785

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	24864	661 B	1924	14737	0000	00000	8485
0010	0813 B	28588	547 B	2226	14753	0070	00003	5585
0020	0807	29034	547 B	2261	14758	0125	00011	5244
0030	0813	29275	562	2279	14765	0177	00024	5074
0050	0820	29670	546 B	2309	14776	0276	00064	4791
0075	0814	29897	536 B	2328	14781	0394	00140	4616

C-REF-NO 004	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 050	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 047
LAT 48-494N	DAY 25	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-061W	HR 01.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
013	0000	0870 B	27388		2124	14758
013	0005	0867 B	27572		2139	14760
013	0010	0815 B	28251		2199	14749
013	0020	0811	29075		2264	14760
013	0030	0820	29504		2296	14771
013	0050	0820	29596		2304	14775
013	0075	0815	30008		2336	14782
013	0100	0810	30259		2357	14788
013	0150	0804	30716		2393	14800

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.FN	SVA
0000	0870 B	27388		2124	14758	0000	00000	6557
0010	0815 B	28251		2199	14749	0062	00003	5839
0020	0811	29075		2264	14760	0118	00011	5219
0030	0820	29504		2296	14771	0168	00024	4912
0050	0820	29596		2304	14775	0266	00064	4845
0075	0815	30008		2336	14782	0384	00139	4535
0100	0810	30259		2357	14788	0496	00238	4343
0125	0806	3050 B		2376	14794	0602	00361	4159
0151	0804	30716		2393	14800	0705	00505	4003



C-REF-NO 004	YR 1968	DEPTH 232	WAVES 1	XX	AIR T	VIS
CONS. NO 051	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STA 048
LAT 48-517N	DAY 25	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-032W	HR 02.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
020	0000	0900 B	26652		2063	14760
020	0005	0918 B	26652		2060	14768
020	0010	0825 B	28141		2189	14752
020	0019	0830	29142		2267	14768
020	0029	0838	29275		2276	14774
020	0049	0829	29388		2286	14776
020	0073	0818	29749		2316	14780
020	0097	0811	30104		2344	14786
020	0146	0807	30614		2385	14799
020	0194	0797	30942		2412	14807

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0900 B	26652		2063	14760	0000	00000	7148
0010	0825 B	28141		2189	14752	0066	00003	5934
0020	0831	2915 I		2268	14769	0121	00011	5185
0030	0838	29281		2276	14775	0173	00025	5103
0050	0829	29401		2287	14776	0274	00066	5003
0075	0817	29780		2318	14780	0396	00143	4708
0100	0811	30142		2347	14787	0511	00246	4432
0125	0808	3042 B		2370	14793	0620	00370	4222
0151	0806	30648		2388	14800	0724	00516	4056
0176	0801	30834		2403	14804	0824	00683	3914

C-REF-NO 004	YR 1968	DEPTH 143	WAVES 1	XX	AIR T	VIS
CONS. NO 052	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET 8	STN 049
LAT 48-548N	DAY 25	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-597W	HR 02.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
028	0000	0900 B	24242	664 B	1875	14730
028	0005	0910 B	27285	641 B	2111	14773
028	0010	0889 B	27883	607 B	2160	14773
028	0020	0829	28928	567 B	2250	14765
028	0030	0829	29243	563 B	2275	14771
028	0050	0827	29515	549 B	2296	14777
028	0075	0818	29767	539 B	2317	14780
028	0100	0815	29957	530 B	2332	14786
028	0120	0815 B	30122	522 B	2345	14791

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	24242	664 B	1875	14730	0000	00000	8951
0010	0889 B	27883	607 B	2160	14773	0076	00003	6213
0020	0829	28928	567 B	2250	14765	0134	00012	5353
0030	0829	29243	563 B	2275	14771	0186	00025	5119
0050	0827	29515	549 B	2296	14777	0287	00066	4916
0075	0818	29767	539 B	2317	14780	0408	00143	4718
0100	0815	29957	530 B	2332	14786	0525	00247	4576

C-REF-NO 004	YR 1968	DEPTH 26	WAVES 1	XX	AIR T	VIS
CONS. NO 053	MONTH 4	MXSAMPD 00	WAVES 2	XX	WET B	STN 050
LAT 48-577N	DAY 25	NO.DPTH 4	WND-DIR		WW-CODE	
LON 122-560W	HR 03.4	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLO-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
034	0000	0930 B	25067		1935	14751
034	0005	0954 B	27163		2095	14788
034	0010	0944 B	28319		2186	14799
034	0020	0851	29064		2258	14775

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	25067		1935	14751	0000	00000	8373
0010	0944 B	28319		2186	14799	0072	00003	5966
0020	0851	29064		2258	14775	0128	00012	5281

C-REF-NO 004	YR 1968	DEPTH 165	WAVES 1 XX	AIR T	VIS
CONS. NO 054	MONTH 4	MXSAMPD 01	WAVES 2 XX	WET B	STN 051
LAT 48-467N	DAY 25	NO.DPTH 9	WND-DIR	WW-CODE	
LON 122-519W	HR 04.4	W-COLOR	WND-SPD	CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
044	0000	0880 B	27004	635 B	2093	14757
044	0005	0853 B	28576	596 B	2219	14767
044	0010	0842 B	29035	574 B	2257	14770
044	0020	0828	29242	560 B	2275	14769
044	0030	0829	29561	562 B	2300	14775
044	0050	0823	29750	541 B	2315	14778
044	0075	0818	29954	535 B	2332	14783
044	0100	0813	30132	522 B	2346	14787
044	0150	0809	30528	506 B	2378	14799

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0880 B	27004	635 B	2093	14757	0000	00000	6858
0010	0842 B	29035	574 B	2257	14770	0061	00003	5289
0020	0828	29242	560 B	2275	14769	0113	00011	5117
0030	0829	29561	562 B	2300	14775	0163	00023	4881
0050	0823	29750	541 B	2315	14778	0260	00063	4735
0075	0818	29954	535 B	2332	14783	0377	00137	4579
0100	0813	30132	522 B	2346	14787	0490	00238	4443
0125	0810	30326	513 B	2362	14793	0600	00365	4298
0151	0809	30528	506 B	2378	14799	0706	00514	4148



C-REF-NO 004	YR 1968	DEPTH 91	WAVES 1	XX	AIR T	VIS
CONS. NO 055	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 052
LAT 48-389N	DAY 25	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-433W	HR 05.4	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
054	0000	0860 B	29081	595 B	2258	14776
054	0005	0846 B	29076	586 B	2259	14771
054	0010	0846 B	29124	570 B	2263	14772
054	0020	0835	29195	570 B	2270	14771
054	0030	0839	29314	569 B	2279	14775
054	0050	0832	29455	552 B	2291	14778
054	0075	0828	29622	552 B	2304	14782

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	29081	595 B	2258	14776	0000	00000	5279
0010	0846 B	29124	570 B	2263	14772	0053	00003	5228
0020	0835	29195	570 B	2270	14771	0105	00011	5161
0030	0839	29314	569 B	2279	14775	0156	00024	5079
0050	0832	29455	552 B	2291	14778	0257	00065	4967
0075	0828	29622	552 B	2304	14782	0380	00143	4841

C-REF-NO 004	YR 1968	DEPTH 60	WAVES 1 XX	AIR T	VIS
CONS. NO 056	MONTH 4	MXSAMPD 00	WAVES 2 XX	WET. B	STN 053
LAT 48-332N	DAY 25	NO.DPTH 6	WND-DIR	WW-CODE	
LON 122-450W	HR 06.0	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
060	0000	0850 B	29406		2284	14776
060	0005	0846 B	29402		2285	14775
060	0010	0847 B	29407		2285	14776
060	0020	0840	29417		2287	14776
060	0030	0846	29423		2286	14780
060	0050	0844	29432		2287	14782

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	29406		2284	14776	0000	00000	5023
0010	0847 B	29407		2285	14776	0050	00003	5018
0020	0840	29417		2287	14776	0101	00010	5003
0030	0846	29423		2286	14780	0151	00023	5008
0050	0844	29432		2287	14782	0251	00064	5000

C-REF-NO 004	YR 1968	DEPTH 77	WAVES 1	XX	AIR T	VIS
CONS. NO 057	MONTH 4	MXSAMPD 00	WAVES 2	XX	WET B	STN 054
LAT 48-266N	DAY 25	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-447W	HR 06.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
068	0000	0860 B	29717	569 B	2307	14784
068	0005	0852 B	29704	574 B	2307	14781
068	0010	0852 B	29711	566 B	2308	14782
068	0020	0844	29740	563 B	2311	14781
068	0030	0841	29910	563 B	2325	14784
068	0050	0838	29990	546 B	2332	14787

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0860 B	29717	569 B	2307	14784	0000	00000	4805
0010	0852 B	29711	566 B	2308	14782	0048	00002	4798
0020	0844	29740	563 B	2311	14781	0096	00010	4767
0030	0841	29910	563 B	2325	14784	0143	00022	4637
0050	0838	29990	546 B	2332	14787	0236	00060	4576

C-REF-NO 004	YR 1968	DEPTH 91	WAVES 1	XX	AIR T	VIS
CONS. NO 058	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 076
LAT 48-315N	DAY 25	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-300W	HR 12.9	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HN

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
129	0000	0870 B	30938		2401	14803
129	0005	0855 B	31098		2416	14800
129	0010	0852 B	31305		2432	14803
129	0020	0816	31552		2457	14794
129	0030	0799	31860		2484	14793
129	0050	0783	32264		2517	14795
129	0075	0724	33014		2585	14786

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	30938		2401	14803	0000	00000	3909
0010	0852 B	31305		2432	14803	0038	00002	3612
0020	0816	31552		2457	14794	0073	00007	3379
0030	0799	31860		2484	14793	0106	00016	3128
0050	0783	32264		2517	14795	0165	00040	2807
0075	0724	33014		2585	14786	0228	00079	2174



C-REF-NO 004	YR 1968	DEPTH 230	WAVES 1	XX	AIR T	VIS
CONS. NO 059	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STA 075
LAT 48-282N	DAY 25	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-328W	HR 13.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
135	0000	0860 B	31028	591 B	2410	14801
135	0005	0841 B	31008	583 B	2411	14794
135	0010	0841 B	31058	565 B	2415	14795
135	0020	0832	31277	553 B	2433	14796
135	0029	0817	31392	515	2444	14794
135	0049	0784	32296	441 B	2520	14796
135	0074	0745	33261	358 B	2601	14797
135	0098	0721	33573	316 B	2629	14796
135	0147	0643 B	33840	240 B	2660	14777
135	0196	0598	33930	205 B	2673	14768

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0860 B	31028	591 B	2410	14801	0000	00000	3828
0010	0841 B	31058	565 B	2415	14795	0038	00002	3780
0020	0832	31277	553 B	2433	14796	0075	00008	3606
0030	0815	3142 C	511	2447	14794	0111	00017	3472
0050	0782	32343	437 B	2524	14796	0173	00042	2748
0075	0744	33281	356 B	2603	14797	0233	00079	2001
0101	0718	33590	312 B	2631	14795	0280	00120	1740
0126	0678 B	3376 D	271 B	2649	14786	0322	00168	1564
0151	0639 B	33851	237 B	2662	14776	0360	00222	1451
0176	0614	33917	215 B	2670	14771	0395	00281	1373

C-REF-NO 004	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 060	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 074
LAT 48-251N	DAY 25	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-356W	HR 14.3	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
143	0000	0880 B	31202		2420	14811
143	0005	0851 B	31215		2426	14800
143	0010	0851 B	31240		2427	14802
143	0019	0794	31836		2482	14789
143	0029	0790	32068		2501	14792
143	0049	0781	32467		2534	14797
143	0073	0705	33462		2622	14784
143	0097	0686	33626		2638	14783
143	0146	0661 B	33805		2655	14783

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	31202		2420	14811	0000	00000	3727
0010	0851 B	31240		2427	14802	0037	00002	3658
0020	0792	3187 B		2485	14789	0071	00007	3110
0030	0790	3208 B		2502	14792	0102	00015	2948
0050	0778	3251 C		2538	14796	0158	00037	2617
0075	0702	3349 C		2625	14784	0213	00072	1789
0101	0683	3365 C		2640	14783	0256	00110	1646
0126	0666 B	3372 I		2648	14781	0297	00157	1572

C-REF-NO 004	YR 1968	DEPTH 168	WAVES 1	XX	AIR T	VIS
CONS. NO 061	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 073
LAT 48-152N	DAY 25	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-070W	HR 16.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
165	0000	0850 B	30826		2395	14794
165	0005	0842 B	30821		2396	14792
165	0010	0836 B	30916		2404	14792
165	0020	0803	31573		2460	14789
165	0030	0807	31749		2474	14795
165	0050	0761	32850		2566	14794
165	0075	0713	33535		2627	14789
165	0100	0703	33623		2635	14790
165	0150	0678	33754		2649	14790

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	30826		2395	14794	0000	00000	3965
0010	0836 B	30916		2404	14792	0039	00002	3879
0020	0803	31573		2460	14789	0076	00007	3345
0030	0807	31749		2474	14795	0109	00016	3221
0050	0761	32850		2566	14794	0165	00038	2341
0075	0713	33535		2627	14789	0216	00070	1770
0101	0703	33623		2635	14790	0260	00109	1695
0126	0689	3368 I		2642	14789	0302	00157	1632
0151	0678	33754		2649	14790	0342	00214	1573

C-REF-NO 004	YR 1968	DEPTH 192	WAVES 1	XX	AIR T	VIS
CONS. NO 062	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 072
LAT 48-187N	DAY 25	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-039W	HR 17.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
172	0000	0880 B	30913	582 B	2398	14807
172	0005	0846 B	30916	572 B	2403	14795
172	0010	0840 B	30962	563 B	2407	14794
172	0020	0813	31259	519 B	2435	14789
172	0030	0818	31282	514 B	2436	14793
172	0050	0791	31734	467 B	2475	14791
172	0075	0775	32699	409	2553	14802
172	0100	0691	33571	292 B	2633	14785
172	0174	0637	33876	238 B	2664	14779

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	30913	582 B	2398	14807	0000	00000	3942
0010	0840 B	30962	563 B	2407	14794	0039	00002	3850
0020	0813	31259	519 B	2435	14789	0077	00008	3593
0030	0818	31282	514 B	2436	14793	0113	00017	3585
0050	0791	31734	467 B	2475	14791	0181	00045	3213
0075	0775	32699	409	2553	14802	0252	00089	2476
0101	0691	33571	292 B	2633	14785	0305	00135	1719
0126	0650 D	3367 I	236 C	2646	14774	0347	00183	1593
0151	0632 C	3377 I	218 C	2657	14772	0386	00238	1496
*0176	0638	33859	240 B	2662	14779	0423	00300	1445



C-REF-NO 004	YR 1968	DEPTH 119	WAVES 1 XX	AIR T	VIS
CONS. NO 063	MONTH 4	MXSAMPD 01	WAVES 2 XX	WET B	STN 071
LAT 48-221N	DAY 25	NO.DPTH 8	WND-DIR	WW-CODE	
LON 124-006W	HR 17.8	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
178	0000	0860 B	30838		2395	14798
178	0005	0837 B	30943		2406	14792
178	0010	0836 B	31049		2415	14793
178	0020	0823	31204		2429	14792
178	0030	0822	31341		2440	14795
178	0049	0795	31744		2475	14793
178	0074	0755	32653		2552	14793
178	0098	0697	33344		2614	14784

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	30838		2395	14798	0000	00000	3969
0010	0836 B	31049		2415	14793	0039	00002	3780
0020	0823	31204		2429	14792	0076	00008	3648
0030	0822	31341		2440	14795	0112	00017	3546
0050	0794	3177 B		2478	14793	0180	00044	3184
0075	0753	32684		2555	14793	0251	00088	2458

C-REF-NO 004	YR 1968	DEPTH 152	WAVES 1	XX	AIR T	VIS
CONS. NO 064	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 070
LAT 48-192N	DAY 25	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-432W	HR 19.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
191	0000	0860 B	30734		2387	14797
191	0005	0846 B	30739		2389	14792
191	0010	0840 B	30779		2393	14791
191	0019	0820	30973		2411	14788
191	0029	0814	31149		2426	14789
191	0049	0806	31274		2437	14791
191	0073	0769	31937		2494	14789
191	0097	0726	32659		2556	14786
191	0146	0673	33575		2636	14785

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	30734		2387	14797	0000	00000	4048
0010	0840 B	30779		2393	14791	0040	00002	3986
0020	0819	30993		2413	14788	0079	00008	3800
0030	0814	3115 B		2426	14789	0117	00018	3674
0050	0805	31295		2439	14791	0190	00047	3559
0075	0765	31999		2499	14789	0272	00099	2984
0101	0722	32733		2563	14786	0339	00159	2383
0126	0691	3325 C		2608	14785	0394	00221	1954

C-REF-NO 004	YR 1968	DEPTH 177	WAVES 1	XX	AIR T	VIS
CONS. NO 065	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 069
LAT 48-155N	DAY 25	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-432W	HR 19.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
198	0000	0870 B	30369	604 B	2357	14796
198	0005	0861 B	30366	599 B	2358	14793
198	0010	0839 B	30695	550 B	2387	14790
198	0020	0810	31078	511 B	2421	14785
198	0030	0789	31591	473 B	2464	14786
198	0050	0773	32148	431 B	2510	14790
198	0075	0764	33028	381 B	2580	14802
198	0100	0710	33528	310 B	2627	14791
198	0150	0650	33854	247 B	2661	14780
198	0175	0647	33856	246 B	2661	14783

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0870 B	30369	604 B	2357	14796	0000	00000	4333
0010	0839 B	30695	550 B	2387	14790	0042	00002	4047
0020	0810	31078	511 B	2421	14785	0081	00008	3724
0030	0789	31591	473 B	2464	14786	0116	00017	3315
0050	0773	32148	431 B	2510	14790	0179	00042	2881
0075	0764	33028	381 B	2580	14802	0243	00082	2217
0101	0710	33528	310 B	2627	14791	0293	00126	1775
0126	0671	3369 I	267 B	2645	14783	0336	00175	1608
0151	0650	33854	247 B	2661	14780	0374	00229	1462
0176	0647	33856	246 B	2661	14783	0411	00291	1460

C-REF-NO 004	YR 1968	DEPTH 137	WAVES 1	XX	AIR T	VIS
CONS. NO 066	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 068
LAT 48-120N	DAY 25	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-432W	HR 20.5	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
205	0000	0860 B	30829		2394	14798
205	0005	0856 B	30733		2387	14796
205	0010	0840 B	30974		2408	14794
205	0020	0789	31890		2487	14788
205	0030	0780	32239		2516	14790
205	0050	0731	33209		2599	14787
205	0075	0705	33596		2633	14786
205	0100	0681	33728		2646	14783

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	30829		2394	14798	0000	00000	3977
0010	0840 B	30974		2408	14794	0039	00002	3841
0020	0789	31890		2487	14788	0074	00007	3090
0030	0780	32239		2516	14790	0104	00015	2819
0050	0731	33209		2599	14787	0153	00034	2034
0075	0705	33596		2633	14786	0200	00064	1714
0101	0681	33728		2646	14783	0241	00101	1588



C-REF-NO 004	YR 1968	DEPTH 110	WAVES 1	XX	AIR T	VIS
CONS. NO 067	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 057
LAT 48-228N	DAY 25	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-181W	HR 22.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
222	0000	0860 B	30717		2385	14797
222	0005	0840 B	30502		2371	14787
222	0010	0840 B	30471		2369	14787
222	0020	0831	30532		2375	14786
222	0030	0836	30524		2374	14790
222	0050	0829	30641		2384	14792
222	0075	0818	30787		2397	14794
222	0090	0756	31826		2487	14786

TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	30717		2385	14797	0000	00000	4060
0010	0840 B	30471		2369	14787	0042	00002	4216
0020	0831	30532		2375	14786	0084	00009	4160
0030	0836	30524		2374	14790	0125	00019	4174
0050	0829	30641		2384	14792	0208	00053	4080
0075	0818	30787		2397	14794	0309	00118	3959

C-REF-NO 004	YR 1968	DEPTH 101	WAVES 1	XX	AIR T	VIS
CONS. NO 068	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 066
LAT 48-193N	DAY 25	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-140W	HR 22.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
227	0000	0860 B	30448		2364	14793
227	0005	0846 B	30410		2363	14788
227	0010	0845 B	30407		2363	14789
227	0020	0825	30599		2381	14785
227	0030	0799	31126		2426	14783
227	0050	0779	31676		2472	14786
227	0075	0732	32762		2564	14786

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0860 B	30448		2364	14793	0000	00000	4260
0010	0845 B	30407		2363	14789	0043	00002	4270
0020	0825	30599		2381	14785	0085	00009	4102
0030	0799	31126		2426	14783	0124	00018	3675
0050	0779	31676		2472	14786	0193	00047	3240
0075	0732	32762		2564	14786	0264	00090	2372

C-REF-NO 004	YR 1968	DEPTH 137	WAVES 1	XX	AIR T	VIS
CONS. NO 069	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 065
LAT 48-157N	DAY 25	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-100W	HR 23.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
234	0000	0880 B	30297	598 B	2350	14799
234	0005	0866 B	30269	591 B	2349	14794
234	0010	0864 B	30271	591 B	2350	14794
234	0020	0845	30332	568 B	2357	14789
234	0029	0833	30528	553 B	2374	14789
234	0049	0803	31205	499 B	2432	14789
234	0073	0768	31980	435 B	2497	14789
234	0108	0705	33250	328 B	2606	14787

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	30297	598 B	2350	14799	0000	00000	4401
0010	0864 B	30271	591 B	2350	14794	0044	00002	4399
0020	0845	30332	568 B	2357	14789	0088	00009	4328
0030	0832	30558	551 B	2377	14789	0131	00020	4142
0050	0802	31237	496 B	2434	14789	0208	00051	3598
0075	0765	32049	429 B	2503	14789	0291	00103	2946
0101	0720	32948	354 B	2580	14788	0356	00160	2221

C-REF-NO 004	YR 1968	DEPTH 97	WAVES 1	XX	AIR T	VIS
CONS. NO 070	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 064
LAT 48-122N	DAY 26	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-059W	HR 00.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
000	0000	0880 B	30440		2361	14801
000	0005	0858 B	30421		2363	14793
000	0010	0859 B	30443		2364	14794
000	0020	0851	30652		2382	14796
000	0030	0853	31062		2413	14803
000	0050	0804	31623		2464	14795
000	0074	0733	32815		2568	14787

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	30440		2361	14801	0000	00000	4294
0010	0859 B	30443		2364	14794	0043	00002	4263
0020	0851	30652		2382	14796	0085	00009	4098
0030	0853	31062		2413	14803	0125	00019	3797
0050	0804	31623		2464	14795	0196	00047	3313
*0075	0730	32875		2573	14786	0266	00091	2285



C-REF-NO 004	YR 1968	DEPTH 152	WAVES 1	XX	AIR T	VIS
CONS. NO 071	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 063
LAT 48-145N	DAY 26	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-538W	HR 00.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
008	0000	0860 B	30228	575 B	2347	14790
008	0005	0852 B	30223	559 B	2348	14788
008	0009	0852 B	30227	560 B	2348	14789
008	0019	0828	30485	539 B	2372	14784
008	0028	0811	31065	507 B	2420	14787
008	0047	0776	31915	436 B	2491	14787
008	0071	0747	32546	390 B	2545	14788
008	0095	0734	32835	362 B	2569	14791
008	0132	0720 C	33108	334 B	2592	14795

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	30228	575 B	2347	14790	0000	00000	4424
0010	0850 B	30236	559 B	2349	14788	0044	00002	4406
0020	0826	3054 C	536 B	2377	14785	0087	00009	4144
0030	0807	31174	499 B	2429	14787	0126	00019	3650
0050	0771	32017	428 B	2500	14788	0193	00045	2976
0075	0744	3260 B	384 B	2550	14789	0262	00089	2501
0101	0731	32889	357 B	2574	14791	0322	00142	2279
0126	0722 B	3307 B	338 B	2590	14794	0377	00206	2129

C-REF-NO 004	YR 1968	DEPTH 119	WAVES 1 XX	AIR T	VIS
CONS. NO 072	MONTH 4	MXSAMPD 01	WAVES 2 XX	WET B	STN 062
LAT 48-228N	DAY 26	NO.DPTH 8	WND-DIR	WW-CODE	
LON 123-026W	HR 01.8	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
018	0000	0850 B	30347	586 B	2358	14788
018	0005	0847 B	30334	566 B	2357	14788
018	0010	0848 B	30333	566 B	2357	14789
018	0020	0826	30576	541 B	2379	14785
018	0030	0819	30835	367	2400	14787
018	0050	0794	31405	381 B	2449	14788
018	0075	0776	31826	447	2484	14791
018	0100	0767	32018	441 B	2500	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0850 B	30347	586 B	2358	14788	0000	00000	4321
0010	0848 B	30333	566 B	2357	14789	0043	00002	4330
0020	0826	30576	541 B	2379	14785	0086	00009	4120
0030	0819	30835	367	2400	14787	0126	00019	3919
0050	0794	31405	381 B	2449	14788	0200	00049	3462
0075	0776	31826	447	2484	14791	0283	00101	3129
0101	0767	32018	441 B	2500	14794	0360	00170	2976

C-REF-NO 004	YR 1968	DEPTH 282	WAVES 1	XX	AIR T	VIS
CONS. NO 073	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 061
LAT 48-292N	DAY 26	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-092W	HR 04.2	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
042	0000	0830 B	29952		2330	14775
042	0005	0843 B	29958		2329	14781
042	0010	0844 B	30002		2332	14783
042	0020	0832	30257		2353	14783
042	0029	0833	30407		2365	14787
042	0049	0800	31190		2431	14788
042	0074	0794	31245		2436	14790
042	0098	0787	31434		2452	14794
042	0147	0771 B	31982		2497	14803
042	0195	0753	32327		2527	14808
042	0244	0746	32433		2536	14815

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	29952		2330	14775	0000	00000	4589
0010	0844 B	30002		2332	14783	0046	00002	4571
0020	0832	30257		2353	14783	0091	00009	4366
0030	0832	3044 D		2368	14787	0134	00020	4225
0050	0799	3120 C		2432	14788	0213	00052	3622
0075	0794	31251		2437	14790	0303	00110	3580
0100	0786	31456		2454	14794	0391	00188	3421
0126	0778	3173 I		2477	14799	0475	00284	3205
0151	0770 B	32010		2499	14803	0552	00393	2992
0176	0760	32209		2516	14806	0626	00515	2834
0201	0752	32349		2528	14809	0696	00649	2724
0226	0748	32420		2535	14812	0764	00797	2668

C-REF-NO 004	YR 1968	DEPTH 280	WAVES 1	XX	AIR T	VIS
CONS. NO 074	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 060
LAT 48-339N	DAY 26	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-128W	HR 05.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
053	0000	0840 B	29604		2301	14775
053	0005	0841 B	29678		2307	14777
053	0010	0837 B	29850		2321	14778
053	0020	0823	30097		2342	14778
053	0030	0827	30245		2353	14783
053	0050	0817	30493		2374	14785
053	0075	0801	30950		2412	14789
053	0100	0796	31252		2436	14795
053	0150	0775	31758		2479	14802
053	0200	0760	32114		2509	14809
053	0250	0753	32412		2533	14818

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	29604		2301	14775	0000	00000	4861
0010	0837 B	29850		2321	14778	0048	00002	4675
0020	0823	30097		2342	14778	0094	00009	4472
0030	0827	30245		2353	14783	0138	00021	4368
0050	0817	30493		2374	14785	0224	00056	4173
0075	0801	30950		2412	14789	0324	00119	3813
0100	0796	31252		2436	14795	0417	00202	3586
0126	0786	31523		2459	14799	0505	00303	3374
0151	0775	31758		2479	14802	0587	00418	3188
0176	0767	3194 B		2495	14805	0665	00549	3037
0201	0760	32114		2509	14809	0740	00692	2908
0226	0756	32272		2522	14813	0812	00848	2789
0251	0753	32412		2533	14818	0881	01015	2634



C-REF-NO 004	YR 1968	DEPTH 243	WAVES 1	XX	AIR T	VIS
CONS. NO 075	MONTH 4	MXSAMPD 02	WAVES 2	XX	WET B	STN 059
LAT 48-376N	DAY 26	NO.DPTH 10	WNO-DIR		WW-CODE	
LON 123-147W	HR 06.1	W-COLOR	WNO-SPD		CLD-TPE	
MAPSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
061	0000	0840 B	29583	573 B	2300	14774
061	0005	0833 B	29585	565 B	2301	14773
061	0010	0833 B	29629	555 B	2304	14774
061	0020	0826	29719	546	2312	14774
061	0030	0832	29825	560	2320	14779
061	0050	0819	30268	518 B	2356	14783
061	0075	0811	30488	513 B	2374	14787
061	0100	0794	31244	466 B	2436	14794
061	0150	0784 B	31606	447 B	2466	14803
061	0200	0764	32090	414 B	2506	14810

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0840 B	29583	573 B	2300	14774	0000	00000	4878
0010	0833 B	29629	555 B	2304	14774	0049	00002	4834
0020	0826	29719	546	2312	14774	0097	00010	4758
0030	0832	29825	560	2320	14779	0144	00022	4689
0050	0819	30268	518 B	2356	14783	0235	00059	4343
0075	0811	30488	513 B	2374	14787	0342	00127	4171
0100	0794	31244	466 B	2436	14794	0439	00213	3590
0126	0788 B	3142 I	451 B	2451	14798	0528	00315	3449
0151	0784 B	31606	447 B	2466	14803	0613	00434	3312
0176	0775	3184 I	431 B	2486	14807	0694	00569	3124
0201	0764	32090	414 B	2506	14810	0770	00715	2933

C-REF-NO 004	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 076	MONTH 4	MXSAMPD 03	WAVES 2	XX	WET B	STN 058
LAT 48-429N	DAY 26	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-141W	HR 07.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
070	0000	0830 B	29314		2280	14767
070	0005	0832 B	29301		2279	14769
070	0010	0831 B	29359		2283	14770
070	0020	0824	29549		2299	14771
070	0030	0829	29592		2302	14775
070	0050	0828	29640		2306	14779
070	0075	0808	30410		2369	14785
070	0100	0787	31301		2441	14792
070	0150	0778	31821		2483	14804
070	0200	0769	32013		2500	14811
070	0250	0761	32220		2517	14819
070	0300	0761	32271		2521	14828

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	29314		2280	14767	0000	00000	5065
0010	0831 B	29359		2283	14770	0051	00003	5033
0020	0824	29549		2299	14771	0100	00010	4883
0030	0829	29592		2302	14775	0149	00023	4858
0050	0828	29640		2306	14779	0246	00062	4823
0075	0808	30410		2369	14785	0360	00134	4226
0100	0787	31301		2441	14792	0458	00220	3536
0126	0780	3156 I		2463	14797	0544	00319	3338
0151	0778	31821		2483	14804	0625	00434	3145
0176	0773	3191 I		2492	14807	0704	00564	3071
0201	0769	32013		2500	14811	0780	00710	2996
0226	0764	3212 C		2509	14815	0854	00872	2910
0251	0761	32220		2517	14819	0927	01048	2838
0302	0761	32271		2521	14828	1069	01448	2807

C-REF-NO 004	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 077	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B.	STA 057
LAT 48-440N	DAY 26	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-080W	HR 07.7	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
077	0000	0840 B	28865		2244	14765
077	0005	0827 B	28829		2243	14761
077	0010	0828 B	29179		2270	14766
077	0020		29364			
077	0030		29674			
077	0050		30047			
077	0075		30427			
077	0100		31206			
077	0150		32127			

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0840 B	28865		2244	14765	0000	00000	5413
0010	0828 B	29179		2270	14766	0053	00003	5163

C-REF-NO 004	YR 1968	DEPTH 229	WAVES 1	XX	AIR T	VIS
CONS. NO 078	MONTH 4	MXSAMPD 00	WAVES 2	XX	WET B	STA 056
LAT 48-463N	DAY 26	NO.DPTH 5	WND-DIR		WW-CODE	
LON 123-015W	HR 08.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
084	0000	0850 B	28645	590 B	2225	14766
084	0005	0827 B	29158	574 B	2268	14765
084	0010	0825 B	29231	549 B	2274	14766
084	0020	0814	29503	541 B	2297	14767
084	0030	0816	29602	542 B	2305	14770

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	28645	590 B	2225	14766	0000	00000	5591
0010	0825 B	29231	549 B	2274	14766	0054	00003	5120
0020	0814	29503	541 B	2297	14767	0104	00010	4904
0030	0816	29602	542 B	2305	14770	0153	00023	4834



C-REF-NO 004	YR 1968	DEPTH 134	WAVES 1	XX	AIR T	VIS
CONS. NO 079	MONTH 4	MXSAMPD 01	WAVES 2	XX	WET B	STN 055
LAT 48-356N	DAY 26	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-587W	HR 08.9	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
089	0000	0850 B	28672		2227	14767
089	0005	0844 B	28928		2248	14768
089	0010	0845 B	29028		2256	14771
089	0020	0838	29292		2277	14773
089	0030	0834	29554		2298	14777
089	0050	0819	30111		2344	14781
089	0075	0811	30284		2359	14784
089	0110	0803	30634		2387	14792

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0850 B	28672		2227	14767	0000	00000	5571
0010	0845 B	29028		2256	14771	0055	00003	5293
0020	0838	29292		2277	14773	0107	00011	5093
0030	0834	29554		2298	14777	0157	00023	4893
0050	0819	30111		2344	14781	0251	00061	4460
0075	0811	30284		2359	14784	0361	00132	4323
0100	0805	3053 D		2379	14789	0467	00226	4129



OCEANOGRAPHIC DATA CRUISE 005/68

26 - 31 MAY 1968





C-REF-NO 005	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 001	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 026
LAT 49-143N	DAY 27	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-508W	HR 23.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
234	0000	1550 B	23170		1682	14947
234	0005	1482 B	23487		1720	14929
234	0010	1136 B	27697		2107	14862
234	0020	0871	28871		2240	14780
234	0030	0870	29231		2268	14786
234	0050	0830	29385		2286	14776
234	0075	0811	29560		2302	14775
234	0100	0794	29806		2324	14776
234	0150	0831	30452		2369	14807
234	0200	0842	30700		2387	14822
234	0225	0868	30777		2389	14837

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1550 B	23170		1682	14947	0000	00000	10815
0010	1136 B	27697		2107	14862	0088	00003	6724
0020	0871	28871		2240	14780	0149	00012	5453
0030	0870	29231		2268	14786	0202	00026	5184
0050	0830	29385		2286	14776	0304	00068	5017
0075	0811	29560		2302	14775	0428	00147	4863
0100	0794	29806		2324	14776	0548	00253	4659
0125	0808 C	3012 I		2347	14790	0662	00384	4440
0151	0831	30452		2369	14807	0771	00537	4235
0176	0835 B	3060 D		2381	14814	0876	00712	4128
0201	0842	30700		2387	14822	0979	00909	4074
0226	0868	30777		2389	14837	1081	01132	4058

C-REF-NO 005	YR 1968	DEPTH 256	WAVES 1	XX	AIR T	VIS
CONS. NO 002	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 001
LAT 49-203N	DAY 28	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-120W	HR 02.0	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
020	0000	1290 B	27064		2031	14907
020	0005	1093 B	28373		2166	14854
020	0010	1091 B	28482		2175	14856
020	0020	0898	29028		2248	14793
020	0030	0891	29127		2257	14793
020	0049	0856	29376		2281	14786
020	0074	0822	29589		2303	14780
020	0099	0800	29980		2336	14780
020	0148	0855 B	30640		2380	14818
020	0197	0868	30736		2386	14832
020	0227	0873	30806		2390	14840

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1290 B	27064		2031	14907	0000	00000	7453
0010	1091 B	28482		2175	14856	0068	00003	6069
0020	0898	29028		2248	14793	0125	00012	5373
0030	0891	29127		2257	14793	0179	00025	5291
0050	0854	29384		2282	14786	0282	00068	5051
0075	0821	29603		2304	14779	0406	00147	4844
0100	0801	29997		2338	14781	0524	00251	4527
0125	0824 D	3033 I		2360	14798	0635	00379	4313
0151	0856 B	3064 B		2381	14819	0741	00527	4124
0176	0865	3069 I		2383	14827	0845	00699	4108
0201	0869	30744		2386	14833	0947	00897	4079
0226	0873	30802		2390	14839	1049	01119	4046

C-REF-NO 005	YR 1968	DEPTH 283	WAVES 1	XX	AIR T	VIS
CONS. NO 003	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 002
LAT 49-242N	DAY 28	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-093W	HR 02.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
027	0000	1430 B	24924	778 B	1840	14929
027	0005	1283 B	26350	745 B	1977	14897
027	0010	1063 B	28063	616 B	2147	14840
027	0020	0870	29065	518 B	2255	14783
027	0030	0847	29211	518 B	2270	14777
027	0050	0811	29527	491 B	2299	14771
027	0075	0800 B	29939	491 B	2333	14776
027	0100	0806	30102	481 B	2345	14784
027	0150	0820 B	30418	405 B	2368	14802
027	0200	0862	30705	308	2384	14830
027	0250	0875	30816	345	2391	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	1430 B	24924	778 B	1840	14929	0000	00000	9290
0010	1063 B	28063	616 B	2147	14840	0078	00003	6335
0020	0870	29065	518 B	2255	14783	0137	00012	5307
0030	0847	29211	518 B	2270	14777	0189	00025	5167
0050	0811	29527	491 B	2299	14771	0290	00066	4886
0075	0800 B	29939	491 B	2333	14776	0409	00142	4566
0100	0806	30102	481 B	2345	14784	0522	00243	4456
0125	0811	30263	449 B	2357	14792	0632	00370	4346
0151	0820 B	30418	405 B	2368	14802	0740	00521	4246
0176	0841 B	3057 B	349 B	2377	14816	0846	00697	4162
0201	0862	30705	308	2384	14830	0950	00896	4098
0226	0871	30779	313	2389	14838	1052	01119	4060
0251	0875	30816	345	2391	14844	1154	01367	4042

C-REF-NO 005	YR 1968	DEPTH 333	WAVES 1	XX	AIR T	VIS
CONS. NO 004	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STA 003
LAT 49-266N	DAY 28	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-202W	HR 03.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
038	0000	1520 B	23507	718 B	1714	14941
038	0005	1285 B	26620	729 B	1998	14901
038	0010	1154 B	27365	680 B	2078	14865
038	0020	1032 B	28615	648 B	2195	14838
038	0030	0871	29243	572 B	2269	14787
038	0050	0819	29558	472 B	2301	14774
038	0075	0792	29788	505 B	2322	14771
038	0100	0805	30094	470	2345	14784
038	0150	0834 B	30462	378 B	2369	14808
038	0200	0854	30656	370 B	2381	14826
038	0250	0880	30810	305 B	2390	14846
038	0300	0886	30862	281 B	2393	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1520 B	23507	718 B	1714	14941	0000	00000	10508
0010	1154 B	27365	680 B	2078	14865	0088	00004	6999
0020	1032 B	28615	648 B	2195	14838	0152	00013	5879
0030	0871	29243	572 B	2269	14787	0207	00027	5176
0050	0819	29558	472 B	2301	14774	0308	00068	4873
0075	0792	29788	505 B	2322	14771	0428	00144	4668
0100	0805	30094	470	2345	14784	0543	00246	4460
0125	0820	3030 B	421 B	2359	14796	0653	00373	4324
0151	0834 B	30462	378 B	2369	14808	0760	00524	4233
0176	0844	3057 B	372 C	2376	14817	0866	00699	4168
0201	0854	30656	370 B	2381	14826	0970	00899	4123
0226	0868	30742	338 B	2386	14837	1073	01124	4083
0251	0880	30810	305 B	2390	14846	1175	01372	4054
0301	0886	30862	281 B	2393	14857	1379	01944	4030



C-REF-NO 005	YR 1968	DEPTH 338	WAVES 1	XX	AIR T	VIS
CONS. NO 005	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 004
LAT 49-244N	DAY 28	NO.DPTH 12	WND-DIR		WW-CCDE	
LON 124-220W	HR 04.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SCUND
048	0000	1370 B	26945		2007	14933
048	0005		26601			
048	0010	1045 B	28254		2165	14837
048	0020	0953	29062		2242	14815
048	0030	0929	29284		2263	14810
048	0050	0890 B	29415		2279	14800
048	0075	0826	29658		2308	14783
048	0100	0795	29962		2336	14779
048	0149	0850	30589		2377	14816
048	0199	0876	30766		2387	14837
048	0249	0883	30829		2391	14848
048	0299	0887	30858		2392	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SCUND	DELTA-D	POT.EN	SVA
0000	1370 B	26945		2007	14933	0000	00000	7685
0010	1045 B	28254		2165	14836	0069	00003	6166
0020	0953	29062		2242	14814	0127	00012	5427
0030	0929	29284		2263	14809	0181	00025	5229
0050	0890 B	29415		2279	14800	0284	00068	5078
0075	0826	29658		2308	14782	0408	00146	4810
0100	0795	29962		2336	14778	0526	00251	4545
0125	0815 D	3028 I		2358	14794	0637	00379	4337
0151	0851	30595		2377	14816	0744	00529	4157
0176	0867	3068 I		2382	14827	0848	00702	4119
0201	0876	30768		2387	14836	0951	00899	4072
0226	0881	30808		2389	14842	1053	01121	4053
0251	0883	30830		2391	14848	1155	01369	4044
*0301	0887	30858		2392	14858	1358	01941	4035

C-REF-NO 005	YR 1968	DEPTH 71	WAVES 1	XX	AIR T	VIS
CONS. NO 006	MONTH 5	MXSAMPD 00	WAVES 2	XX	WET B	STA 077
LAT 49-286N	DAY 28	NO.DPTH 6	WND-DIR		WW-CODE	
LON 124-453W	HR 06.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
063	0000	1220 B	28374		2145	14899
063	0005	1169 B	28442		2159	14882
063	0010	1093 B	28508		2177	14857
063	0020	0991	28795		2216	14825
063	0030	0934	28993		2240	14808
063	0050	0894	29102		2254	14797

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1220 B	28374		2145	14899	0000	00000	6362
0010	1093 B	28508		2177	14857	0062	00003	6052
0020	0991	28795		2216	14825	0121	00012	5682
0030	0934	28993		2240	14808	0177	00026	5452
0050	0894	29102		2254	14797	0285	00070	5316

C-REF-NO 005	YR 1968	DEPTH 26	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 5	MXSAMPD 00	WAVES 2	XX	WET B	STN 078
LAT 49-396N	DAY 28	NO.DPTH 4	WND-DIR		WW-CODE	
LON 124-558W	HR 07.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
077	0000	1410 B	25318		1874	14927
077	0005	1350 B	27233		2033	14930
077	0010	1027 B	28628		2197	14834
077	0020	0880 B	28952		2245	14785

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.FN	SVA
0000	1410 B	25318		1874	14927	0000	00000	8361
0010	1027 B	28628		2197	14834	0074	00003	5861
0020	0880 B	28952		2245	14785	0131	00012	5404

C-REF-NO 005	YR 1968	DEPTH 320	WAVES 1	XX	ATR T	VIS
CONS. NO 008	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 005
LAT 49-274N	DAY 28	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-307W	HR 10.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
100	0000	1250 B	27795		2094	14902
100	0005	1249 B	27685		2086	14901
100	0010	1041 B	28823		2210	14842
100	0020	0979	29091		2241	14824
100	0030	0906	29312		2269	14801
100	0050	0864	29374		2280	14789
100	0075	0823	29502		2296	14779
100	0100	0798	29877		2329	14778
100	0150	0849 B	30569		2375	14815
100	0200	0872	30744		2386	14834
100	0250	0883	30817		2390	14847
100	0300	0891	30863		2392	14859

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1250 B	27795		2094	14902	0000	00000	6842
0010	1041 B	28823		2210	14842	0063	00003	5737
0020	0979	29091		2241	14824	0119	00011	5444
0030	0906	29312		2269	14801	0172	00025	5175
0050	0864	29374		2280	14789	0275	00067	5072
0075	0823	29502		2296	14779	0401	00147	4923
0100	0798	29877		2329	14778	0520	00253	4612
0125	0817 D	3022 I		2353	14794	0633	00383	4384
0151	0849 B	30569		2375	14815	0741	00534	4174
0176	0863	3065 I		2380	14826	0845	00707	4133
0201	0872	30744		2386	14834	0948	00906	4084
0226	0878	30789		2388	14841	1051	01128	4064
0251	0883	30817		2390	14847	1153	01376	4054
0301	0891	30863		2392	14859	1356	01949	4039



C-REF-NO 005	YR 1968	DEPTH 192	WAVES 1	XX	AIR T	VIS
CONS. NO 009	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 006
LAT 49-306N	DAY 28	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-277W	HR 10.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
107	0000	1400 B	27142		2016	14945
107	0005	1374 B	27160		2022	14938
107	0010	1091 B	28427		2171	14855
107	0020	0997 B	28973		2229	14829
107	0030	0939	29249		2259	14813
107	0050	0856	29423		2285	14787
107	0075	0800	29781		2321	14774
107	0100	0799	30072		2344	14781
107	0150	0843	30524		2373	14812
107	0175	0851	30592		2377	14820

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1400 B	27142		2016	14945	0000	00000	7596
0010	1091 B	28427		2171	14855	0069	00003	6110
0020	0997 B	28973		2229	14829	0127	00012	5559
0030	0939	29249		2259	14813	0181	00026	5269
0050	0856	29423		2285	14787	0285	00068	5024
0075	0800	29781		2321	14774	0407	00145	4683
0100	0799	30072		2344	14781	0521	00247	4468
0125	0819 B	3033 D		2361	14797	0632	00374	4304
0151	0843	30524		2373	14812	0738	00524	4199
0176	0851	30592		2377	14820	0843	00699	4163

C-REF-NO 005	YR 1968	DEPTH 364	WAVES 1	XX	AIR T	VIS
CONS. NO 010	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 007
LAT 49-344N	DAY 28	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-242W	HR 11.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
115	0000	1450 B	25759		1900	14945
115	0005	1426 B	26037		1926	14941
115	0010	1309 B	27268		2043	14918
115	0020	0914	28872		2233	14797
115	0030	0854	29149		2264	14779
115	0050	0834	29482		2293	14779
115	0075	0803	29806		2322	14775
115	0100	0800	30045		2341	14781
115	0150	0820	30289		2358	14800
115	0200	0833	30449		2368	14815
115	0250	0836	30496		2372	14825
115	0300	0838	30516		2373	14835
115	0350	0851	30569		2375	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1450 B	25759		1900	14945	0000	00000	8711
0010	1309 B	27268		2043	14918	0080	00004	7337
0020	0914	28872		2233	14797	0145	00013	5513
0030	0854	29149		2264	14779	0198	00027	5223
0050	0834	29482		2293	14779	0301	00068	4949
0075	0803	29806		2322	14775	0421	00145	4668
0100	0800	30045		2341	14781	0536	00247	4490
0125	0808	3019 C		2352	14790	0648	00376	4395
0151	0820	30289		2358	14800	0758	00530	4343
0176	0828	30381		2364	14808	0866	00710	4287
0201	0833	30449		2368	14815	0973	00916	4247
0226	0835	30481		2371	14821	1080	01147	4229
0251	0836	30496		2372	14825	1186	01406	4222
0301	0838	30516		2373	14835	1393	02003	4217

C-REF-NO 005	YR 1968	DEPTH 342	WAVES 1	XX	AIR T	VIS
CONS. NO 011	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 008
LAT 49-394N	DAY 28	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-330W	HR 12.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
127	0000	1400 B	26658		1979	14939
127	0005	1386 B	26629		1979	14935
127	0010	1190 B	27339		2070	14877
127	0020	0939	28691		2216	14804
127	0030	0850	29025		2255	14776
127	0050	0825	29509		2296	14776
127	0075	0800	29786		2321	14774
127	0100	0801	30019		2339	14781
127	0150	0822 B	30306		2359	14801
127	0200	0840	30468		2369	14818
127	0250	0841	30506		2372	14827
127	0300	0849	30548		2374	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.FN	SVA
0000	1400 B	26658		1979	14939	0000	00000	7953
0010	1190 B	27339		2070	14877	0075	00004	7078
0020	0939	28691		2216	14804	0139	00013	5693
0030	0850	29025		2255	14776	0194	00027	5309
0050	0825	29509		2296	14776	0297	00069	4917
0075	0800	29786		2321	14774	0417	00145	4679
0100	0801	30019		2339	14781	0533	00248	4511
0125	0810	3018 B		2351	14791	0645	00377	4402
0151	0822 B	30306		2359	14801	0754	00531	4332
0176	0832	30403		2365	14810	0862	00711	4277
0201	0840	30468		2369	14818	0970	00916	4243
0226	0841	3049 B		2371	14823	1076	01148	4228
0251	0841	30506		2372	14827	1182	01406	4223
0301	0849	30548		2374	14839	1394	02003	4209

C-REF-NO 005	YR 1968	DEPTH 172	WAVES 1	XX	AIR T	VIS
CONS. NO 012	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 009
LAT 49-375N	DAY 28	NO.DPTH 9	WND-DIR		WW-CCDE	
LON 124-394W	HR 13.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
135	0000	1250 B	27370	729 B	2062	14897
135	0005	1210 B	27439	734 B	2074	14885
135	0010	1164 B	28130	707 B	2136	14878
135	0020	0915	28547	567 B	2208	14793
135	0030	0877	29144	528 B	2260	14788
135	0050	0871	29458	491	2285	14793
135	0075	0802	29712	502 B	2315	14774
135	0100	0801	29933	491 B	2333	14780
135	0150	0859 B	30541	356	2372	14818

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1250 B	27370	729 B	2062	14897	0000	00000	7157
0010	1164 B	28130	707 B	2136	14878	0068	00003	6449
0020	0915	28547	567 B	2208	14793	0129	00012	5755
0030	0877	29144	528 B	2260	14788	0185	00026	5259
0050	0871	29458	491	2285	14793	0288	00068	5019
0075	0802	29712	502 B	2315	14774	0410	00146	4737
0100	0801	29933	491 B	2333	14780	0527	00251	4574
0125	0817 B	3021 B	441 B	2352	14794	0640	00380	4390
0151	0859 B	30541	356	2372	14818	0748	00531	4209



C-REF-NO 005	YR 1968	DEPTH 101	WAVES 1	XX	AIR T	VIS
CONS. NO 013	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 010
LAT 49-408N	DAY 28	NO.DPTH 7	WNO-DIR		WW-CODE	
LON 124-473W	HR 14.4	W-COLOR	WNO-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
144	C000	1400 B	26930		2000	14943
144	C005	1353 B	27214		2031	14931
144	C010	1245 B	27943		2107	14904
144	C020	1052 B	28744		2202	14847
144	C030	1019	28970		2225	14839
144	0050	0928	29307		2265	14813
144	0075	0874	29514		2289	14799

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	1400 B	26930		2000	14943	0000	00000	7752
0010	1245 B	27943		2107	14904	0072	00003	6725
0020	1052 B	28744		2202	14847	0135	00013	5814
0030	1019	28970		2225	14839	0193	00027	5596
0050	0928	29307		2265	14813	0301	00071	5212
0075	0874	29514		2289	14799	0429	00153	4984

C-REF-NO 005	YR 1968	DEPTH 305	WAVES 1	XX	AIR T	VIS
CONS. NO 014	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 011
LAT 49-424N	DAY 28	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-434W	HR 15.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
150	0000	1440 B	26710		1975	14953
150	0005	1408 B	26995		2003	14947
150	0010	1149 B	28215		2145	14873
150	0020	0979	29087		2240	14824
150	0030	0964	29239		2254	14822
150	0050	0929	29351		2269	14813
150	0075	0832	29553		2298	14783
150	0100	0798	29805		2323	14777
150	0150	0824 B	30283		2357	14802
150	0200	0842 B	30493		2370	14819
150	0250	0850	30532		2372	14831

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	1440 B	26710		1975	14953	0000	00000	7990
0010	1149 B	28215		2145	14873	0072	00003	6361
0020	0979	29087		2240	14824	0131	00012	5447
0030	0964	29239		2254	14822	0185	00026	5314
0050	0929	29351		2269	14813	0290	00069	5181
0075	0832	29553		2298	14783	0417	00140	4897
0100	0798	29805		2323	14777	0537	00256	4666
0125	0804 C	3006 C		2342	14787	0652	00383	4485
0151	0824 B	30283		2357	14802	0763	00544	4352
0176	0834 B	3041 B		2366	14811	0871	00724	4270
0201	0842 B	30493		2370	14819	0978	00929	4227
0226	0847	30536		2373	14826	1084	01159	4206
0251	0850	30532		2372	14831	1190	01416	4216

C-REF-NO 005	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 015	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 012
LAT 49-435N	DAY 28	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-407W	HR 15.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
157	0000	1420 B	26531	702 B	1965	14945
157	0005	1404 B	27154	756 B	2016	14948
157	0010	1248 B	28163	718 B	2123	14908
157	0020	0949	28946	567 B	2234	14811
157	0030	0935	29313	524 B	2265	14812
157	0050	0895 B	29501	494 B	2285	14803
157	0075	0839	29685	470	2308	14788
157	0100	0798	29955	491 B	2335	14779
157	0150	0819 B	30267	462 B	2356	14800
157	0200	0837	30459	405	2369	14817
157	0250	0842	30500	392 B	2371	14828
157	0300	0851	30545	367	2373	14840

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1420 B	26531	702 B	1965	14945	0000	00000	8034
0010	1248 B	28163	718 B	2123	14908	0073	00003	6568
0020	0949	28946	567 B	2234	14811	0134	00012	5508
0030	0935	29313	524 B	2265	14812	0188	00026	5215
0050	0895 B	29501	494 B	2285	14803	0290	00068	5021
0075	0839	29685	470	2308	14788	0414	00146	4808
0100	0798	29955	491 B	2335	14779	0531	00251	4554
0125	0800 C	3013 C	484 B	2349	14786	0644	00381	4424
0151	0819 B	30267	462 B	2356	14800	0754	00536	4357
0176	0829	30380	432 B	2363	14809	0863	00716	4290
0201	0837	30459	405	2369	14817	0970	00922	4245
0226	0840	3048 B	396	2370	14823	1077	01153	4231
0251	0842	30500	392 B	2371	14828	1183	01412	4230
0301	0851	30545	367	2373	14840	1395	02010	4215

C-REF-NO 005	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 016	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 013
LAT 49-553N	DAY 28	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-553W	HR 17.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
173	0000	1460 B	26743		1974	14960
173	0005	1355 B	27139		2024	14931
173	0010	1217 B	27859		2105	14893
173	0020	1039 B	28708		2201	14841
173	0030	0928	29275		2263	14809
173	0050	0840	29606		2301	14783
173	0075	0812	29882		2327	14780
173	0100	0802	30063		2343	14782
173	0150	0838	30348		2360	14808
173	0200	0845	30469		2368	14820

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1460 B	26743		1974	14960	0000	00000	8004
0010	1217 B	27859		2105	14893	0074	00003	6739
0020	1039 B	28708		2201	14841	0137	00013	5820
0030	0928	29275		2263	14809	0192	00027	5234
0050	0840	29606		2301	14783	0294	00068	4866
0075	0812	29882		2327	14780	0413	00144	4624
0100	0802	30063		2343	14782	0527	00246	4479
0125	0817 B	30222		2353	14794	0638	00374	4385
0151	0838	30348		2360	14808	0748	00527	4322
0176	0844	30428		2365	14815	0856	00707	4275
0201	0845	30469		2368	14820	0963	00912	4250



C-REF-NO 005	YR 1968	DEPTH 316	WAVES 1	XX	AIR T	VIS
CONS. NO 017	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 014
LAT 49-529N	DAY 28	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-594W	HR 18.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
180	0000	1430 B	27244	713 B	2018	14957
180	0005	1391 B	27272	718 B	2028	14945
180	0010	1280 B	27799	697 B	2089	14914
180	0020	1042 B	28849	572 B	2212	14844
180	0030	1003	29084	570 B	2236	14834
180	0050	0933	29332	508 B	2266	14815
180	0075	0844	29673	475 B	2306	14789
180	0100	0807	30016	462 B	2338	14784
180	0150	0826	30312	432 B	2359	14803
180	0200	0840	30453	400 B	2368	14818
180	0250	0846	30488	383 B	2369	14829
180	0300	0869	30582	354 B	2373	14847

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1430 B	27244	713 B	2018	14957	0000	00000	7577
0010	1280 B	27799	697 B	2089	14914	0072	00004	6893
0020	1042 B	28849	572 B	2212	14844	0136	00013	5720
0030	1003	29084	570 B	2236	14834	0192	00027	5486
0050	0933	29332	508 B	2266	14815	0299	00071	5201
0075	0844	29673	475 B	2306	14789	0425	00150	4824
0100	0807	30016	462 B	2338	14784	0542	00255	4521
0125	0809 C	3016 I	447 B	2349	14790	0654	00384	4417
0151	0826	30312	432 B	2359	14803	0764	00538	4333
0176	0834	30399	415 B	2364	14811	0872	00718	4282
0201	0840	30453	400 B	2368	14818	0980	00924	4254
0226	0842	3047 B	391 B	2369	14823	1087	01156	4246
0251	0846	30488	383 B	2369	14829	1193	01416	4243
0301	0869	30582	354 B	2373	14847	1406	02014	4213

C-REF-NO 005	YR 1968	DEPTH 121	WAVES 1	XX	AIR T	VIS
CONS. NO 018	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 015
LAT 49-466N	DAY 28	NO.DPTH 8	WND-DIR		WW-CODE	
LON 125-016W	HR 18.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
187	0000	1390 B	27231		2025	14943
187	0005	1158 B	28340		2153	14877
187	0010	1068 B	28768		2201	14851
187	0020	1005 B	29063		2234	14833
187	0030	0977	29241		2253	14827
187	0050	0952	29353		2265	14822
187	0075	0873	29668		2302	14800
187	0100	0865	30043		2332	14806

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1390 B	27231		2025	14943	0000	00000	7511
0010	1068 B	28768		2201	14851	0067	00003	5820
0020	1005 B	29063		2234	14833	0124	00012	5504
0030	0977	29241		2253	14827	0178	00025	5331
0050	0952	29353		2265	14822	0284	00069	5213
0075	0873	29668		2302	14800	0410	00149	4868
0100	0865	30043		2332	14806	0529	00255	4581

C-REF-NO 005	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 019	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 010
LAT 49-572N	DAY 28	NO.DPTH 9	WND-DIR		WW-CODE	
LON 125-074W	HR 19.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
195	0000	1170 B	28521	632 B	2165	14883
195	0005	1121 B	28724	626 B	2189	14869
195	0010	1012 B	29116	545 B	2237	14835
195	0020	0975	29292	537 B	2257	14825
195	0030	0954 B	29401	535 B	2269	14820
195	0050	0853 B	29686	478 B	2306	14789
195	0075	0809 B	29943	478 B	2332	14779
195	0100	0813 B	30119	459 B	2345	14787
195	0140	0842 B	30405	400 B	2364	14809

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1170 B	28521	632 B	2165	14883	0000	00000	6168
0010	1012 B	29116	545 B	2237	14835	0058	00003	5474
0020	0975	29292	537 B	2257	14825	0112	00011	5289
0030	0954 B	29401	535 B	2269	14820	0165	00024	5178
0050	0853 B	29686	478 B	2306	14789	0265	00065	4824
0075	0809 B	29943	478 B	2332	14779	0383	00140	4576
0100	0813 B	30119	459 B	2345	14787	0497	00241	4453
0125	0826 B	30301	426 B	2358	14799	0607	00368	4339

C-REF-NO 005	YR 1968	DEPTH 272	WAVES 1	XX	AIR T	VIS
CONS. NO 020	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 017
LAT 49-538N	DAY 28	NO.DPTH 11	WND-DIR		WW-CODE	
LON 125-043W	HR 20.1	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
201	0000	1400 B	26955		2002	14943
201	0005	1378 B	27309		2033	14941
201	0010	1307 B	27598		2069	14921
201	0020	1032 B	28899		2217	14841
201	0030	0924	29201		2258	14806
201	0050	0904	29577		2290	14807
201	0075	0826	29805		2319	14784
201	0100	0811	30045		2340	14785
201	0150	0835 B	30352		2360	14807
201	0200	0840	30460		2368	14818
201	0250	0852	30524		2371	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1400 B	26955		2002	14943	0000	00000	7734
0010	1307 B	27598		2069	14921	0074	00004	7089
0020	1032 B	28899		2217	14841	0138	00013	5668
0030	0924	29201		2258	14806	0193	00027	5283
0050	0904	29577		2290	14807	0296	00069	4977
0075	0826	29805		2319	14784	0417	00146	4701
0100	0811	30045		2340	14785	0533	00249	4505
0125	0820 B	30225		2353	14795	0645	00377	4385
0151	0835 B	30352		2360	14807	0754	00531	4315
0176	0838	3042 B		2365	14813	0862	00710	4272
0201	0840	30460		2368	14818	0969	00916	4249
0226	0846	30501		2371	14825	1075	01147	4230
0251	0852	30524		2371	14832	1182	01406	4225



C-REF-NO 005	YR 1968	DEPTH 144	WAVES 1	XX	AIR T	VIS
CONS. NO 021	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	SIN 018
LAT 49-592N	DAY 28	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-589W	HR 20.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
207	0000	1230 B	27553		2079	14892
207	0005	1137 B	27899		2122	14864
207	0010	1074 B	28193		2156	14846
207	0020	1011 B	29101		2236	14836
207	0030	0992	29164		2244	14831
207	0050	0850	29550		2296	14786
207	0075	0827	29843		2322	14785
207	0100	0821	30053		2339	14789
207	0120	0825	30118		2344	14795

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1230 B	27553		2079	14892	0000	00000	6987
0010	1074 B	28193		2156	14846	0066	00003	6256
0020	1011 B	29101		2236	14836	0125	00012	5485
0030	0992	29164		2244	14831	0180	00026	5411
0050	0850	29550		2296	14786	0284	00068	4921
0075	0827	29843		2322	14785	0404	00144	4673
0100	0821	30053		2339	14789	0519	00247	4512

C-REF-NO 005	YR 1968	DEPTH 271	WAVES 1	XX	AIR T	VIS
CONS. NO 022	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 019
LAT 50-012N	DAY 28	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-529W	HR 21.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
215	0000	1440 B	26656		1971	14953
215	0005	1470 B	26261		1935	14959
215	0010	1260 B	27253		2051	14901
215	0020	0911	28970		2242	14797
215	0030	0877	29307		2273	14790
215	0050	0973	29150		2246	14827
215	0075	0858	29540		2294	14793
215	0100	0830	29888		2325	14791
215	0150	0855 B	30303		2354	14814
215	0200	0871	30469		2364	14830
215	0250	0876	30544		2369	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1440 B	26656		1971	14953	0000	00000	8030
0010	1260 B	27253		2051	14901	0077	00004	7261
0020	0911	28970		2242	14797	0140	00013	5435
0030	0877	29307		2273	14790	0193	00026	5136
0050	0973	29150		2246	14827	0299	00070	5395
0075	0858	29540		2294	14793	0429	00152	4943
0100	0830	29888		2325	14791	0549	00259	4648
0125	0836 C	3013 B		2343	14800	0663	00391	4476
0151	0855 B	30303		2354	14814	0775	00547	4380
0176	0864	3040 B		2361	14823	0884	00729	4320
0201	0871	30469		2364	14830	0992	00936	4287
0226	0875	30521		2368	14836	1099	01170	4257
0251	0876	30544		2369	14841	1206	01429	4245

C-REF-NO 005	YR 1968	DEPTH 285	WAVES 1	XX	AIR T	VIS
CONS. NO 023	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 020
LAT 49-472N	DAY 28	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-323W	HR 23.5	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
235	0000	1640 B	24540	707 B	1768	14992
235	0005	1577 B	24813	751 B	1802	14976
235	0010	1382 B	26665	767 B	1983	14935
235	0020	0906	29133	529 B	2255	14797
235	0030	0901	29353	508 B	2273	14800
235	0050	0851	29579	464 B	2298	14787
235	0075	0804	29918	554 B	2331	14777
235	0100	0826	30178	443	2348	14793
235	0150	0855	30466	383 B	2366	14816
235	0200	0883	30651	319 B	2377	14837
235	0250	0887	30861	273 B	2393	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1640 B	24540	707 B	1768	14992	0000	00000	9986
0010	1382 B	26665	767 B	1983	14935	0089	00004	7915
0020	0906	29133	529 B	2255	14797	0156	00013	5307
0030	0901	29353	508 B	2273	14800	0208	00027	5137
0050	0851	29579	464 B	2298	14787	0309	00068	4900
0075	0804	29918	554 B	2331	14777	0428	00143	4587
0100	0826	30178	443	2348	14793	0541	00244	4426
0125	0842	3034 C	400 C	2359	14805	0651	00371	4326
0151	0855	30466	383 B	2366	14816	0759	00522	4259
0176	0871	3056 B	350 B	2372	14827	0865	00699	4213
0201	0883	30651	319 B	2377	14837	0971	00901	4169
0226	0888	30756	294 B	2384	14844	1074	01127	4101
0251	0887	30861	273 B	2393	14850	1177	01375	4027

C-REF-NO 005	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 024	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 021
LAT 49-438N	DAY 29	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-220W	HR 00.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
005	0000	1570 B	24034		1744	14964
005	0005	1440 B	25442		1878	14939
005	0010	1317 B	26939		2016	14916
005	0020	0942	28510		2201	14803
005	0030	0899	29246		2265	14798
005	0050	0832	29633		2305	14780
005	0075	0789	29855		2328	14770
005	0100	0812	30072		2342	14786
005	0150	0857	30465		2366	14817
005	0200		30618			
005	0250	0887	30798		2388	14857
005	0300	0884	30867		2393	14865

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1570 B	24034		1744	14964	0000	00000	10217
0010	1317 B	26939		2016	14916	0089	00004	7594
0020	0942	28510		2201	14803	0156	00014	5823
0030	0899	29246		2265	14798	0212	00028	5214
0050	0832	29633		2305	14780	0312	00068	4834
0075	0789	29855		2328	14770	0431	00144	4614
0100	0812	30072		2342	14786	0545	00246	4487
0125	0836	3028 C		2355	14802	0656	00374	4362
0151	0857	30465		2366	14817	0765	00526	4263
0176	0870	3055 D		2371	14827	0871	00703	4219
0201	0880	30618		2375	14836	0977	00906	4190
0226	0885	3071 B		2381	14843	1081	01133	4129
0251	0887	30798		2388	14849	1185	01383	4072
0301	0884	30867		2393	14857	1388	01956	4024



C-REF-NO 005	YR 1968	DEPTH 362	WAVES 1	XX	AIR T	VIS
CONS. NO 025	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 022
LAT 49-402N	DAY 29	NO.DPTH 13	WNO-DIR		WW-CODE	
LON 124-163W	HR 01.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
013	0000	1600 B	21221		1523	14940
013	0005	1391 B	25486		1891	14923
013	0010	1254 B	27189		2047	14898
013	0020	0896	29104		2254	14793
013	0030	0870	29345		2277	14788
013	0050	0833	29599		2302	14780
013	0075	0798	29919		2332	14775
013	0100	0814	30187		2351	14788
013	0150	0835	30470		2370	14808
013	0200	0867	30680		2381	14831
013	0250	0884	30802		2388	14848
013	0300	0881	30865		2394	14855
013	0350	0865	30879		2397	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1600 B	21221		1523	14940	0000	00000	12354
0010	1254 B	27189		2047	14898	0098	00004	7298
0020	0896	29104		2254	14793	0161	00013	5313
0030	0870	29345		2277	14788	0214	00026	5099
0050	0833	29599		2302	14780	0314	00067	4861
0075	0798	29919		2332	14775	0432	00142	4579
0100	0814	30187		2351	14788	0545	00243	4403
0125	0825	3035 D		2362	14799	0654	00368	4297
0151	0835	30470		2370	14808	0761	00519	4229
0176	0851	30585		2376	14820	0867	00694	4168
0201	0867	30680		2381	14831	0971	00894	4124
0226	0878	30750		2385	14840	1074	01118	4091
0251	0884	30802		2388	14848	1177	01368	4066
0301	0881	30865		2394	14855	1380	01940	4022

C-REF-NO 005	YR 1968	DEPTH 421	WAVES 1	XX	AIR T	VIS
CONS. NO 026	MONTH 5	MXSAMPD 04	WAVES 2	XX	WET B	STN 023
LAT 49-351N	DAY 29	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-097W	HR 02.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
023	0000	1560 R	23974		1741	14960
023	0005	1507 B	24261		1774	14947
023	0010	1107 B	26646		2030	14839
023	0020	0894	28833		2233	14789
023	0030	0845	29494		2292	14780
023	0050	0796	29671		2313	14767
023	0075	0800	29953		2334	14776
023	0100	0809 B	30196		2352	14787
023	0150	0824	30442		2369	14804
023	0200	0849	30618		2379	14824
023	0250	0872	30749		2386	14842
023	0300	0866	30854		2395	14850
023	0400	0859	30875		2398	14864

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1560 B	23974		1741	14960	0000	00000	10242
0010	1107 B	26646		2030	14839	0088	00004	7457
0020	0894	28833		2233	14789	0153	00013	5513
0030	0845	29494		2292	14780	0206	00026	4953
0050	0796	29671		2313	14767	0303	00066	4758
0075	0800	29953		2334	14776	0420	00140	4556
0100	0809 B	30196		2352	14787	0533	00241	4390
0125	0816 B	30340		2362	14795	0642	00366	4293
0151	0824	30442		2369	14804	0749	00517	4233
0176	0836	30537		2375	14814	0854	00692	4183
0201	0849	30618		2379	14824	0959	00893	4144
0226	0862	30688		2383	14834	1063	01119	4114
0251	0872	30749		2386	14842	1166	01369	4088
0301	0866	30854		2395	14850	1370	01942	4008
0402	0859	30875		2398	14864	1772	03385	3996

C-REF-NO 005	YR 1968	DEPTH 432	WAVES 1	XX	AIR T	VIS
CONS. NO 027	MONTH 5	MXSAMPD 04	WAVES 2	XX	WET B	STN 024
LAT 49-303N	DAY 29	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-060W	HR 03.3	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
033	0000	1550 B	24380	740 B	1774	14962
033	0005	1295 B	26710	734 B	2003	14905
033	0010	1204 B	27249	697 B	2061	14881
033	0020	0895	29086	497 B	2253	14792
033	0030	0843	29465	475 B	2290	14779
033	0050	0808	29680	475 B	2312	14771
033	0075	0800	29962	481 B	2335	14776
033	0100	0816	30253	470	2355	14790
033	0150	0823 B	30389	462 B	2365	14803
033	0200	0842	30590	393	2378	14821
033	0250	0876	30782	315 B	2388	14844
033	0300	0882	30858	403 B	2393	14856
033	0400	0848	30877	361 B	2400	14859

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1550 B	24380	740 B	1774	14962	0000	00000	9922
0010	1204 B	27249	697 B	2061	14881	0085	00004	7168
0020	0895	29086	497 B	2253	14792	0148	00013	5326
0030	0843	29465	475 B	2290	14779	0200	00026	4972
0050	0808	29680	475 B	2312	14771	0297	00066	4767
0075	0800	29962	481 B	2335	14776	0414	00140	4549
0100	0816	30253	470	2355	14790	0526	00240	4357
0125	0821 B	3032 I	469 B	2360	14797	0635	00365	4316
0151	0823 B	30389	462 B	2365	14803	0743	00517	4271
0176	0831	30486	432	2372	14811	0850	00694	4213
0201	0842	30590	393	2378	14821	0955	00895	4155
0226	0860	3069 B	344 C	2384	14833	1059	01121	4107
0251	0876	30782	315 B	2388	14844	1161	01371	4068
0301	0882	30858	403 B	2393	14856	1365	01944	4028
0402	0848	30877	361 B	2400	14859	1768	03386	3977



C-REF-NO 005	YR 1968	DEPTH 311	WAVES 1	XX	AIR T	VIS
CONS. NO 028	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 025
LAT 49-276N	DAY 29	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-075W	HR 04.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
042	C000	1280 B	26284		1973	14894
042	C005	1351 B	26167		1951	14918
042	C010	1173 B	27127		2057	14868
042	0020	0962	28696		2213	14813
042	0030	0869	29314		2275	14787
042	0050	0805	29649		2310	14770
042	0075	0798	29903		2331	14774
042	0100	0806	30093		2344	14784
042	0150	0821	30418		2368	14802
042	0200	0850	30596		2377	14824
042	0250	0879	30822		2391	14846
042	0275	0880	30871		2394	14851

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1280 B	26284		1973	14894	0000	00000	8013
0010	1173 B	27127		2057	14868	0076	00004	7207
0020	0962	28696		2213	14813	0141	00013	5713
0030	0869	29314		2275	14787	0195	00027	5120
0050	0805	29649		2310	14770	0295	00067	4786
0075	0798	29903		2331	14774	0412	00142	4591
0100	0806	30093		2344	14784	0526	00244	4463
0125	0813	30269		2357	14793	0637	00371	4344
0151	0821	30418		2368	14802	0744	00522	4247
0176	0835	3051 C		2373	14813	0851	00699	4199
0201	0850	30596		2377	14824	0956	00900	4161
0226	0867	3071 C		2384	14836	1059	01126	4099
0251	0879	30822		2391	14846	1162	01375	4043



C-REF-NO 005	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 029	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 027
LAT 49-190N	DAY 29	NO.DPTH 12	WND-DIR		WW-CCDF	
LON 123-481W	HR 05.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
059	0000	1560 B	15631	751 B	1104	14862
059	0005	1284 B	23627	767 B	1767	14864
059	0010	1104 B	27812	718 B	2121	14852
059	0020	0847	29181	491 B	2267	14775
059	0030	0821	29500	486 B	2296	14771
059	0050	0793	29655	497 B	2312	14765
059	0075	0802	29938	502 B	2333	14776
059	0100	0815	30181	486 B	2350	14789
059	0150	0828 B	30448	455	2369	14805
059	0200	0818	30592	438	2382	14812
059	0250	0831	30686	405	2387	14826
059	0300	0844	30783	376 B	2393	14840

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1560 B	15631	751 B	1104	14862	0000	00000	16433
0010	1104 B	27812	718 B	2121	14852	0115	00003	6587
0020	0847	29181	491 B	2267	14775	0174	00012	5188
0030	0821	29500	486 B	2296	14771	0224	00025	4916
0050	0793	29655	497 B	2312	14765	0322	00064	4766
0075	0802	29938	502 B	2333	14776	0439	00139	4570
0100	0815	30181	486 B	2350	14789	0552	00240	4409
0125	0824	3034 C	470 B	2361	14798	0661	00365	4305
0151	0828 B	30448	455	2369	14805	0768	00516	4234
0176	0823 B	30531	447	2376	14809	0874	00691	4170
0201	0818	30592	438	2382	14812	0978	00891	4120
0226	0823	30642	422	2385	14818	1081	01116	4093
0251	0831	30686	405	2387	14826	1184	01365	4074
0301	0844	30783	376 B	2393	14840	1387	01938	4028

C-REF-NO 005	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 030	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 02
LAT 49-241N	DAY 29	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-453W	HR 06.8	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
068	0000	1580 B	12617		0871	14834
068	0005	1370 B	16680		1219	14810
068	0010	1043 B	28117		2155	14834
068	0020	0806	29377		2288	14762
068	0030	0803	29521		2300	14764
068	0050	0795	29689		2314	14766
068	0075	0798	29896		2330	14774
068	0100	0816	30210		2352	14789

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1580 B	12617		0871	14834	0000	00000	18727
0010	1043 B	28117		2155	14834	0124	00003	6264
0020	0806	29377		2288	14762	0181	00011	4937
0030	0803	29521		2300	14764	0230	00024	4377
0050	0795	29689		2314	14766	0327	00063	4744
0075	0798	29896		2330	14774	0444	00138	4595
0100	0816	30210		2352	14789	0557	00239	4388

C-REF-NO 005	YR 1968	DEPTH 335	WAVES 1	XX	AIR T	VIS
CONS. NO 031	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 079
LAT 49-173N	DAY 29	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-350W	HR 07.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
079	0000	1640 B	21702		1552	14959
079	0005	1196 B	27345		2069	14873
079	0010	0954 B	28396		2190	14804
079	0020	0830	29265		2276	14770
079	0029	0820	29398		2288	14769
079	0049	0794	29635		2310	14765
079	0073	0800	29893		2330	14775
079	0098	0808	30096		2344	14785
079	0147	0851	30474		2368	14814
079	0195	0822	30576		2380	14812
079	0244	0842	30789		2394	14830
079	0303	0843	30841		2397	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1640 B	21702		1552	14959	0000	00000	12079
0010	0954 B	28396		2190	14804	0090	00003	5923
0020	0830	29265		2276	14770	0145	00011	5103
0030	0818	29411		2289	14769	0196	00024	4979
0050	0794	29647		2311	14765	0294	00064	4773
0075	0800	29911		2331	14776	0411	00139	4588
0100	0810	30114		2345	14786	0525	00240	4452
0125	0834 B	3032 D		2358	14802	0635	00367	4333
0151	0850	3048 B		2369	14814	0743	00518	4239
0176	0835 C	3053 I		2375	14813	0848	00694	4185
0201	0823	3059 B		2381	14814	0953	00894	4122
0226	0832 B	3070 D		2389	14823	1056	01118	4056
0251	0843	30802		2394	14832	1157	01364	4005
0301	0843	30842		2398	14841	1358	01929	3933

C-REF-NO 005	YR 1968	DEPTH 187	WAVES 1	XX	AIR T	VIS
CONS. NO 032	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 029
LAT 49-235N	DAY 29	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-253W	HR 09.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
092	0000	1440 B	16930	672 B	1226	14837
092	0005	1189 B	21952	632 B	1655	14810
092	0010	1005 B	27852	599 B	2140	14816
092	0020	0805	29164	516 B	2272	14759
092	0030	0799	29429	510 B	2293	14761
092	0050	0795	29695	511 B	2315	14767
092	0075	0811	29970	500 B	2334	14780
092	0100	0816	30168	464 B	2349	14789
092	0150	0829 B	30358	405 B	2362	14805

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1440 B	16930	672 B	1226	14837	0000	00000	15247
0010	1005 B	27852	599 B	2140	14816	0108	00003	6404
0020	0805	29164	516 B	2272	14759	0166	00012	5145
0030	0799	29429	510 B	2293	14761	0216	00025	4941
0050	0795	29695	511 B	2315	14767	0314	00064	4739
0075	0811	29970	500 B	2334	14780	0430	00138	4558
0100	0816	30168	464 B	2349	14789	0543	00239	4421
0125	0823	30298	434 B	2358	14797	0653	00365	4336
0151	0829 B	30358	405 B	2362	14805	0762	00518	4303



C-REF-NO 005	YR 1968	DEPTH 252	WAVES 1	XX	AIR T	VIS
CONS. NO 033	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 030
LAT 49-253N	DAY 29	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-222W	HR 09.9	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
099	0000	1480 B	15235		1089	14831
099	0005	1341 B	19229		1420	14831
099	0010	1001 B	27620		2123	14812
099	0020	0802	29214		2276	14758
099	0030	0801	29454		2295	14763
099	0050	0798	29720		2316	14768
099	0075	0809	29969		2334	14780
099	0100	0815	30163		2349	14788
099	0150	0824 B	30336		2361	14802
099	0200	0842	30605		2379	14821
099	0230	0824	30669		2387	14820

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1480 B	15235		1089	14831	0000	00000	16585
0010	1001 B	27620		2123	14812	0115	00003	6570
0020	0802	29214		2276	14758	0174	00012	5103
0030	0801	29454		2295	14763	0224	00025	4924
0050	0798	29720		2316	14768	0321	00064	4724
0075	0809	29969		2334	14780	0438	00138	4557
0100	0815	30163		2349	14788	0550	00239	4422
0125	0819	3024 I		2355	14795	0661	00366	4367
0151	0824 B	30336		2361	14802	0770	00519	4312
0176	0836 B	3047 D		2370	14813	0877	00697	4227
0201	0842	30605		2379	14821	0982	00899	4145
0226	0828	30662		2386	14820	1086	01124	4085

C-REF-NO 005	YR 1968	DEPTH 230	WAVES 1	XX	AIR T	VIS
CONS. NO 034	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 031
LAT 49-314N	DAY 29	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-271W	HR 11.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
111	0000	1560 B	13335	721 B	0929	14836
111	0005	1532 B	14768	727 B	1044	14844
111	0010	0926 B	26892	554 B	2078	14775
111	0020	0789	29178	502 B	2275	14753
111	0030	0793	29482	508 B	2298	14760
111	0050	0797	29721	495 B	2316	14768
111	0075	0805	29954	488 B	2334	14778
111	0100	0816	30151	459	2347	14789
111	0150	0843	30374	408 B	2361	14810
111	0210	0846	30658	337	2383	14825

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1560 B	13335	721 B	0929	14836	0000	00000	18152
0010	0926 B	26892	554 B	2078	14775	0125	00004	7004
0020	0789	29178	502 B	2275	14753	0186	00012	5113
0030	0793	29482	508 B	2298	14760	0236	00025	4893
0050	0797	29721	495 B	2316	14768	0333	00064	4722
0075	0805	29954	488 B	2334	14778	0449	00138	4561
0100	0816	30151	459	2347	14789	0562	00239	4433
0125	0830	3027 C	433	2355	14800	0673	00366	4362
0151	0843	30374	408 B	2361	14810	0782	00519	4310
0176	0848	30494	379 B	2370	14818	0889	00698	4231
0201	0847	30612	349	2379	14823	0994	00899	4147

C-REF-NO 005	YR 1968	DEPTH 236	WAVES 1	XX	AIR T	VIS
CONS. NO 035	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 032
LAT 49-387N	DAY 29	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-144W	HR 12.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
125	0000	1110 B	04086	761 B	0284	14566
125	0005	1283 B	13195	751 B	0965	14738
125	0010	0923 B	26901	540 B	2079	14774
125	0020	0790	28756	494 B	2242	14748
125	0030	0798	29521	486	2301	14762
125	0050	0812	29841	457 B	2324	14775
125	0075	0814	29964	456 B	2333	14781
125	0100	0845	30122	335 B	2341	14800
125	0150	0873	30292	167 B	2350	14821
125	0200		30683	130 B		

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1110 B	04086	761 B	0284	14566	0000	00000	24524
0010	0923 B	26901	540 B	2079	14774	0156	00004	6993
0020	0790	28756	494 B	2242	14748	0219	00013	5430
0030	0798	29521	486	2301	14762	0270	00026	4870
0050	0812	29841	457 B	2324	14775	0366	00064	4652
0075	0814	29964	456 B	2333	14781	0482	00138	4566
0100	0845	30122	335 B	2341	14800	0595	00240	4494
0125	0862	3020 I	237 B	2345	14811	0708	00369	4459
0151	0873	30292	167 B	2350	14821	0819	00526	4413

C-REF-NO 005	YR 1968	DEPTH 168	WAVES 1	XX	AIR T	VIS
CONS. NO 036	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 033
LAT 49-325N	DAY 29	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-163W	HR 13.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
133	0000	1410 B	10032	769 B	0702	14746
133	0005	1357 B	17201	724 B	1261	14812
133	0010	0956 B	26459	578 B	2040	14780
133	0020	0789	29157	508 B	2273	14752
133	0030	0795	29465	502 B	2297	14760
133	0050	0797	29707	505 B	2315	14767
133	0075	0802	29883	502 B	2328	14776
133	0100	0817	30098	486	2343	14788
133	0150	0827 B	30343	443	2361	14804

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1410 B	10032	769 B	0702	14746	0000	00000	20385
0010	0956 B	26459	578 B	2040	14780	0138	00004	7369
0020	0789	29157	508 B	2273	14752	0201	00013	5129
0030	0795	29465	502 B	2297	14760	0251	00025	4907
0050	0797	29707	505 B	2315	14767	0348	00065	4732
0075	0802	29883	502 B	2328	14776	0465	00139	4611
0100	0817	30098	486	2343	14788	0579	00241	4474
0125	0824	3024 B	467	2354	14797	0690	00369	4377
0151	0827 B	30343	443	2361	14804	0799	00522	4312



C-REF-NO 005	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 037	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 034
LAT 49-305N	DAY 29	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-197W	HR 13.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
139	0000	1460 B	13010		0922	14798
139	0005	1359 B	18384		1352	14827
139	0010	0921 B	27580		2132	14781
139	0020	0790	29065		2266	14752
139	0030	0793	29393		2291	14759
139	0050	0796	29701		2315	14767
139	0075	0804	29941		2333	14777
139	0100	0813	30122		2346	14787
139	0150	0831 B	30353		2361	14805
139	0200	0848 B	30607		2378	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1460 B	13010		0922	14798	0000	00000	18220
0010	0921 B	27580		2132	14781	0123	00003	6484
0020	0790	29065		2266	14752	0182	00012	5199
0030	0793	29393		2291	14759	0233	00025	4960
0050	0796	29701		2315	14767	0330	00064	4735
0075	0804	29941		2333	14777	0447	00139	4570
0100	0813	30122		2346	14787	0560	00240	4450
0125	0822	3024 C		2354	14796	0671	00367	4372
0151	0831 B	30353		2361	14805	0780	00520	4309
0176	0840 B	30480		2370	14814	0887	00699	4231
0201	0848 B	30607		2378	14823	0992	00900	4150

C-REF-NO 005	YR 1968	DEPTH 245	WAVES 1	XX	AIR T	VIS
CONS. NO 038	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 035
LAT 49-239N	DAY 29	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-175W	HR 14.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
148	0000	1480 B	12941	740 B	0913	14804
148	0005	1358 B	17738	707 B	1302	14819
148	0010	0896 B	27160	551 B	2103	14767
148	0020	0815 B	29168	508 B	2271	14763
148	0030	0808	29506	513 B	2298	14766
148	0050	0808 B	29760	508 B	2318	14772
148	0075	0818	29955	494 B	2332	14783
148	0100	0819	30144	478 B	2346	14790
148	0150	0826 B	30364	454 B	2363	14803
148	0200	0833	30610	405	2381	14818

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	1480 B	12941	740 B	0913	14804	0000	00000	13306
0010	0896 B	27160	551 B	2103	14767	0125	00003	6763
0020	0815 B	29168	508 B	2271	14763	0185	00012	5155
0030	0808	29506	513 B	2298	14766	0235	00025	4895
0050	0808 B	29760	508 B	2318	14772	0331	00064	4707
0075	0818	29955	494 B	2332	14783	0448	00138	4578
0100	0819	30144	478 B	2346	14790	0561	00239	4442
0125	0822	3026 C	467 B	2356	14797	0672	00366	4359
0151	0826 B	30364	454 B	2363	14803	0780	00519	4294
0176	0829	30487	432	2372	14810	0887	00697	4211
0201	0833	30610	405	2381	14818	0992	00897	4127

C-REF-NO 005	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 039	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 036
LAT 49-190N	DAY 29	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-190W	HR 15.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
156	0000	1400 B	12967	738 B	0929	14777
156	0005	1378 B	15597	715 B	1135	14801
156	0010	0906 B	27546	537 B	2131	14775
156	0020	0825	29045	502 B	2260	14765
156	0030	0805	29335	491 B	2285	14763
156	0050	0799	29664	524	2312	14768
156	0075	0815	29892	508 B	2327	14781
156	0100	0834	30166	484 B	2346	14796

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1400 B	12967	738 B	0929	14777	0000	00000	18153
0010	0906 B	27546	537 B	2131	14775	0123	00003	6498
0020	0825	29045	502 B	2260	14765	0182	00012	5260
0030	0805	29335	491 B	2285	14763	0233	00025	5018
0050	0799	29664	524	2312	14768	0331	00065	4767
0075	0815	29892	508 B	2327	14781	0449	00140	4622
0100	0834	30166	484 B	2346	14796	0563	00241	4446

C-REF-NO 005	YR 1968	DEPTH 216	WAVES 1	XX	AIR T	VIS
CONS. NO 040	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 037
LAT 49-136N	DAY 29	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-207W	HR 16.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
164	0000	1440 B	07507		0503	14728
164	0005	1403 B	21335		1570	14877
164	0010	1137 B	27211		2069	14857
164	0020	0816	29060		2262	14762
164	0030	0804	29385		2289	14763
164	0050	0801 B	29665		2312	14768
164	0075	0820	29845		2323	14782
164	0100	0837	30076		2339	14796
164	0150	0850 B	30404		2362	14813
164	0200	0835	30708		2388	14820

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1440 B	07507		0503	14728	0000	00000	22349
0010	1137 B	27211		2069	14857	0146	00004	7085
0020	0816	29060		2262	14762	0208	00013	5237
0030	0804	29385		2289	14763	0259	00025	4980
0050	0801 B	29665		2312	14768	0357	00065	4769
0075	0820	29845		2323	14782	0475	00141	4663
0100	0837	30076		2339	14796	0591	00243	4517
0125	0847	3025 B		2351	14806	0703	00372	4404
0151	0850 B	30404		2362	14813	0812	00526	4298
0176	0846	30561		2375	14818	0918	00702	4179
0201	0835	30708		2388	14820	1022	00901	4058



C-REF-NO 005	YR 1968	DEPTH 302	WAVES 1	XX	AIR T	VIS
CONS. NO 041	MONTH 5	MXSAMPD 02	WAVES 2	XX	WFT B	STN 033
LAT 49-119N	DAY 29	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-263W	HR 17.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
173	0000	1480 B	19254		1396	14878
173	0005	1510 B	22665		1651	14929
173	0010	1024 B	27814		2134	14823
173	0020	0857	29131		2262	14778
173	0030	0815 B	29360		2286	14767
173	0050	0795	29591		2307	14765
173	0075	0796	29789		2322	14772
173	0100	0825	30136		2345	14792
173	0150	0844 B	30423		2365	14811
173	0200	0834	30721		2389	14819
173	0250	0832	30806		2396	14828

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	1480 B	19254		1396	14878	0000	00000	13586
0010	1024 B	27814		2134	14823	0100	00003	6460
0020	0857	29131		2262	14778	0159	00012	5239
0030	0815 B	29360		2286	14767	0210	00025	5012
0050	0795	29591		2307	14765	0309	00065	4816
0075	0796	29789		2322	14772	0428	00141	4672
0100	0825	30136		2345	14792	0542	00243	4456
0125	0840	3027 I		2354	14804	0653	00371	4372
0151	0844 B	30423		2365	14811	0762	00523	4275
0176	0840	3058 C		2378	14816	0868	00699	4154
0201	0834	30721		2389	14819	0971	00897	4047
0226	0833	30785		2395	14824	1072	01117	4000
0251	0832	30806		2396	14828	1172	01361	3983

C-REF-NO 005	YR 1968	DEPTH 384	WAVES 1	XX	AIR T	VIS
CONS. NO 042	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 039
LAT 49-098N	DAY 29	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-331W	HR 18.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
182	0000	1350 B	25479	738 B	1898	14908
182	0005	1390 B	24692	761 B	1830	14913
182	0010	1213 B	26112	720 B	1971	14870
182	0020	0869	28987	529 B	2249	14781
182	0030	0842	29216	524 B	2271	14775
182	0050	0823	29538	486	2299	14775
182	0075	0794	29709	512	2316	14770
182	0100	0801	29905	508 B	2330	14780
182	0150	0840 B	30367	468	2361	14809
182	0200	0839	30698	432 B	2387	14821
182	0250	0842	30789	395	2394	14831
182	0300	0844	30861	364	2399	14841
182	0350	0840	30905	377	2403	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1350 B	25479	738 B	1898	14908	0000	00000	8732
0010	1213 B	26112	720 B	1971	14870	0084	00004	8026
0020	0869	28987	529 B	2249	14781	0151	00014	5363
0030	0842	29216	524 B	2271	14775	0204	00027	5156
0050	0823	29538	486	2299	14775	0304	00068	4893
0075	0794	29709	512	2316	14770	0425	00145	4729
0100	0801	29905	508 B	2330	14780	0542	00249	4595
0125	0821 B	3013 C	490 B	2346	14795	0656	00380	4451
0151	0840 B	30367	468	2361	14809	0766	00534	4311
0176	0842 B	3055 B	450	2375	14816	0873	00712	4177
0201	0839	30698	432 B	2387	14821	0976	00910	4071
0226	0840	3076 C	413	2392	14826	1078	01132	4029
0251	0842	30789	395	2394	14831	1179	01377	4013
0301	0844	30861	364	2399	14841	1380	01942	3970

C-REF-NO 005	YR 1968	DEPTH 135	WAVES 1	XX	AIR T	VIS
CONS. NO 043	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 040
LAT 49-086N	DAY 29	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-369W	HR 19.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
191	0000	1540 B	21080		1524	14919
191	0005	1507 B	22107		1609	14921
191	0010	1110 B	27716		2113	14853
191	0020	0867 B	28998		2250	14781
191	0030	0856	29185		2266	14780
191	0050	0843	29374		2283	14781
191	0075	0806	29631		2308	14774
191	0100	0809	29920		2330	14783

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1540 B	21080		1524	14919	0000	00000	12342
0010	1110 B	27716		2113	14853	0095	00003	6667
0020	0867 B	28998		2250	14781	0155	00012	5353
0030	0856	29185		2266	14780	0208	00026	5198
0050	0843	29374		2283	14781	0311	00068	5042
0075	0806	29631		2308	14774	0434	00146	4803
0100	0809	29920		2330	14783	0552	00251	4595

C-REF-NO 005	YR 1968	DEPTH 216	WAVES 1	XX	AIR T	VIS
CONS. NO 044	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 041
LAT 49-030N	DAY 29	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-299W	HR 20.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
201	0000	1460 B	09350		0642	14756
201	0005	1345 B	20589		1523	14848
201	0010	1076 B	27686		2116	14840
201	0020	0950	28652		2211	14808
201	0030	0859	29058		2256	14780
201	0050	0825	29337		2283	14774
201	0075	0805	29582		2305	14773
201	0100	0805	29876		2327	14781
201	0150	0828 C	30507		2374	14806
201	0200	0835	30661		2385	14819

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1460 B	09350		0642	14756	0000	00000	20932
0010	1076 B	27686		2116	14840	0137	00003	6636
0020	0950	28652		2211	14808	0199	00013	5728
0030	0859	29058		2256	14780	0255	00027	5298
0050	0825	29337		2283	14774	0358	00069	5046
0075	0805	29582		2305	14773	0482	00147	4839
0100	0805	29876		2327	14781	0601	00253	4622
0125	0816 B	3019 I		2351	14793	0714	00383	4405
0150	0828 C	30507		2374	14806	0822	00535	4190
0176	0833 B	3063 B		2383	14814	0927	00708	4104
0201	0835	30661		2385	14819	1030	00905	4093



C-REF-NO 005	YR 1968	DEPTH 324	WAVES 1	XX	AIR T	VIS
CONS. NO 045	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 042
LAT 49-017N	DAY 29	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-263W	HR 20.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
208	0000	1460 B	09841	749 B	0679	14761
208	0005	1299 B	13203	701 B	0963	14744
208	0010	1247 B	27240	706 B	2052	14896
208	0020	0859	28877	530 B	2242	14776
208	0030	0859	29249	508 B	2271	14782
208	0050	0809	29501	487	2298	14769
208	0075	0797	29766	508	2320	14772
208	0100	0808	29978	492 B	2335	14783
208	0150	0826 B	30471	439 B	2371	14805
208	0200	0834	30703	396 B	2388	14819
208	0250	0839	30772	388 B	2393	14830
208	0300	0840	30842	380	2398	14840

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	1460 B	09841	749 B	0679	14761	0000	00000	20611
0010	1247 B	27240	706 B	2052	14896	0139	00004	7248
0020	0859	28877	530 B	2242	14776	0202	00013	5432
0030	0859	29249	508 B	2271	14782	0255	00026	5155
0050	0809	29501	487	2298	14769	0356	00067	4902
0075	0797	29766	508	2320	14772	0476	00144	4691
0100	0808	29978	492 B	2335	14783	0592	00247	4551
0125	0818	3022 I	467 B	2353	14794	0705	00376	4383
0151	0826 B	30471	439 B	2371	14805	0813	00528	4214
0176	0831	3061 B	415 B	2381	14813	0917	00701	4120
0201	0834	30703	396 B	2388	14819	1020	00898	4060
0226	0837	3074 B	390 B	2391	14825	1122	01120	4034
0251	0839	30772	388 B	2393	14830	1223	01366	4021
0301	0840	30842	380	2398	14840	1424	01932	3978

C-REF-NO 005	YR 1968	DEPTH 243	WAVES 1	XX	AIR T	VIS
CONS. NO 046	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 043
LAT 49-033N	DAY 29	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-223W	HR 21.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
215	0000	1160 B	02632		0165	14568
215	0005	1339 B	25021		1865	14900
215	0010	1070 B	28097		2149	14843
215	0020	0818	29193		2272	14764
215	0030	0827	29467		2292	14773
215	0050	0804	29752		2318	14771
215	0075	0811	29928		2331	14780
215	0100	0839	30188		2347	14798
215	0150	0836	30485		2371	14809
215	0220	0833	30787		2395	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1160 B	02632		0165	14568	0000	00000	25706
0010	1070 B	28097		2149	14843	0159	00003	6322
0020	0818	29193		2272	14764	0216	00012	5140
0030	0827	29467		2292	14773	0267	00024	4949
0050	0804	29752		2318	14771	0364	00064	4708
0075	0811	29928		2331	14780	0481	00138	4589
0100	0839	30188		2347	14798	0594	00239	4437
0125	0842 B	3035 C		2360	14806	0704	00365	4318
0151	0836	30485		2371	14809	0811	00516	4218
0176	0836	30613		2381	14815	0916	00690	4128
0201	0835	30718		2389	14820	1019	00887	4051

C-REF-NO 005	YR 1968	DEPTH 117	WAVES 1	XX	AIR T	VIS
CONS. NO 047	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 044
LAT 48-569N	DAY 30	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-059W	HR 00.0	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
000	0000	1260 B	21949	671 B	1643	14834
000	0005	1082 B	26921	688 B	2056	14832
000	0010	1018 B	28071	658 B	2155	14824
000	0020	0927	29005	546 B	2242	14803
000	0030	0827	29414	510 B	2288	14772
000	0050	0804 B	29665	508 B	2311	14770
000	0075	0855	29975	498 B	2328	14797
000	0100	0847	30439	506 B	2366	14804

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1260 B	21949	671 B	1643	14834	0000	00000	11197
0010	1018 B	28071	658 B	2155	14824	0087	00003	6250
0020	0927	29005	546 B	2242	14803	0146	00012	5433
0030	0827	29414	510 B	2288	14772	0198	00025	4989
0050	0804 B	29665	508 B	2311	14770	0296	00065	4773
0075	0855	29975	498 B	2328	14797	0414	00140	4614
0100	0847	30439	506 B	2366	14804	0525	00239	4261

C-REF-NO 005	YR 1968	DEPTH 126	WAVES 1	XX	AIR T	VIS
CONS. NO 048	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STA 045
LAT 48-539N	DAY 30	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-084W	HR 00.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
005	0000	1490 B	10418	696 B	0718	14778
005	0005	1045 B	26627	626 B	2039	14815
005	0010	0888 B	28657	549 B	2221	14783
005	0019	0827	29081	503 B	2262	14766
005	0029	0814	29313	503 B	2282	14766
005	0048	0800	29567	508 B	2304	14767
005	0073	0856	29939	492 B	2325	14797
005	0097	0855	30213	479	2347	14804

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	1490 B	10418	696 B	0718	14778	0000	00000	20224
0010	0888 B	28657	549 B	2221	14783	0129	00003	5634
0020	0824	29111	502 B	2265	14766	0183	00011	5210
0030	0812	29329	503 B	2284	14765	0234	00024	5033
0050	0804	29598	507 B	2306	14769	0333	00064	4824
0075	0857	29964	491 B	2327	14798	0452	00140	4626



C-REF-NO 005	YR 1968	DEPTH 190	WAVES 1	XX	AIR T	VIS
CONS. NO 049	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 044
LAT 48-503N	DAY 30	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-107W	HR 01.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
011	0000	1480 B	16094	679 B	1155	14841
011	0005	0933 B	28326	572 B	2188	14795
011	0010	0890 B	28817	524 B	2233	14785
011	0020	0863	29083	514 B	2257	14780
011	0030	0833	29148	508 B	2267	14771
011	0050	0805	29505	503 B	2298	14768
011	0075	0853	29862	492 B	2320	14795
011	0100	0858	30107	476	2338	14804
011	0150	0840	30608	455 B	2380	14812
011	0175	0836	30743	447 B	2391	14816

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1480 B	16094	679 B	1155	14841	0000	00000	15943
0010	0890 B	28817	524 B	2233	14785	0107	00003	5518
0020	0863	29083	514 B	2257	14780	0161	00011	5283
0030	0833	29148	508 B	2267	14771	0214	00024	5195
0050	0805	29505	503 B	2298	14768	0315	00065	4894
0075	0853	29862	492 B	2320	14795	0435	00142	4696
0100	0858	30107	476	2338	14804	0551	00245	4524
0125	0850	3035 I	464 B	2359	14809	0662	00373	4330
0151	0840	30608	455 B	2380	14812	0769	00522	4132
0176	0836	30743	447 B	2391	14816	0871	00692	4030

C-REF-NO 005	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 050	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 047
LAT 48-493N	DAY 30	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-062W	HR 01.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
018	0000	1610 B	12152		0829	14839
018	0005	0940 B	28276		2183	14797
018	0010	0878 B	28908		2242	14782
018	0020	0842	29222		2271	14774
018	0030	0823	29513		2297	14772
018	0050	0871	29875		2318	14798
018	0075	0858	30128		2340	14801
018	0100	0851	30290		2353	14804
018	0150	0848 B	30514		2371	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1610 B	12152		0829	14839	0000	00000	19131
0010	0878 B	28908		2242	14782	0122	00003	5433
0020	0842	29222		2271	14774	0175	00011	5150
0030	0823	29513		2297	14772	0226	00024	4910
0050	0871	29875		2318	14798	0322	00063	4709
0075	0858	30128		2340	14801	0438	00136	4506
0100	0851	30290		2353	14804	0550	00236	4377
0125	0848	30422		2364	14808	0658	00361	4278
0151	0848 B	30514		2371	14814	0765	00511	4213

C-REF-NO 005	YR 1968	DEPTH 214	WAVES 1	XX	AIR T	VIS
CONS. NO 051	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 048
LAT 48-517N	DAY 30	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-032W	HR 02.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
024	0000	1320 B	19912		1476	14831
024	0005	1129 B	24184		1837	14815
024	0010	0930 B	28567		2207	14797
024	0020	0886	29307		2272	14792
024	0030	0887	29405		2279	14795
024	0050	0866 B	29857		2317	14796
024	0075	0854	30215		2347	14800
024	0100	0853	30266		2351	14804
024	0150	0843	30735		2389	14815
024	0200	0834	30924		2405	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1320 B	19912		1476	14831	0000	00000	12315
0010	0930 B	28567		2207	14797	0093	00003	5761
0020	0886	29307		2272	14792	0148	00011	5148
0030	0887	29405		2279	14795	0199	00024	5078
0050	0866 B	29857		2317	14796	0297	00064	4715
0075	0854	30215		2347	14800	0412	00137	4434
0100	0853	30266		2351	14804	0523	00236	4339
0125	0849	3050 I		2370	14810	0631	00360	4221
0151	0843	30735		2389	14815	0735	00506	4042
0176	0839	3085 B		2399	14819	0835	00673	3950
0201	0834	30924		2405	14822	0934	00862	3895

C-REF-NO 005	YR 1968	DEPTH 137	WAVES 1	XX	AIR T	VIS
CONS. NO 052	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 049
LAT 48-547N	DAY 30	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-596W	HR 03.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
031	0000	1350 B	21953	810	1627	14866
031	0005	0988 B	28378	621 B	2184	14816
031	0010	0958 B	29126	551 B	2247	14815
031	0020	0918	29577	511 B	2288	14807
031	0030	0916	29650	508 B	2294	14809
031	0050	0904	29761	501 B	2304	14809
031	0075	0890	29867	492 B	2315	14809
031	0100	0871	29969	476 B	2325	14808

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1350 B	21953	810	1627	14866	0000	00000	11347
0010	0958 B	29126	551 B	2247	14815	0084	00003	5385
0020	0918	29577	511 B	2288	14807	0136	00011	4993
0030	0916	29650	508 B	2294	14809	0186	00023	4937
0050	0904	29761	501 B	2304	14809	0284	00063	4840
0075	0890	29867	492 B	2315	14809	0404	00140	4744
0100	0871	29969	476 B	2325	14808	0522	00245	4645



C-REF-NO 005	YR 1968	DEPTH 26	WAVES 1	XX	AIR T	VIS
CONS. NO 053	MONTH 5	MXSAMPD 00	WAVES 2	XX	WET B	STN 050
LAT 48-577N	DAY 30	NO.DPTH 4	WND-DIR		WW-CODE	
LON 122-561W	HR 03.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
037	0000	1500 B	19754		1431	14890
037	0005	1081 B	27880		2130	14844
037	0010	0975 B	28957		2231	14819
037	0020	0910	29678		2297	14806

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1500 B	19754		1431	14890	0000	00000	13251
0010	0975 B	28957		2231	14819	0094	00003	5537
0020	0910	29678		2297	14806	0146	00011	4907

C-REF-NO 005	YR 1968	DEPTH 168	WAVES 1	XX	AIR T	VIS
CONS. NO 054	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 051
LAT 48-467N	DAY 30	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-520W	HR 04.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
049	0000	0960 B	28808	567 B	2222	14810
049	0005	0923 B	29083	535 B	2249	14800
049	0010	0912 B	29277	519 B	2265	14800
049	0020	0897	29447	508 B	2281	14798
049	0030	0899	29490	517	2284	14801
049	0050	0890	29603	503 B	2294	14802
049	0075	0884	29801	490 B	2310	14806
049	0100	0886	29931	484 B	2320	14813
049	0150	0864 B	30410	484 B	2361	14819

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0960 B	28808	567 B	2222	14810	0000	00000	5625
0010	0912 B	29277	519 B	2265	14800	0054	00003	5207
0020	0897	29447	508 B	2281	14798	0106	00011	5060
0030	0899	29490	517	2284	14801	0156	00023	5032
0050	0890	29603	503 B	2294	14802	0257	00064	4937
0075	0884	29801	490 B	2310	14806	0379	00142	4785
0100	0886	29931	484 B	2320	14813	0497	00248	4694
0125	0878	3014 B	482 B	2338	14817	0613	00381	4529
0151	0864 B	30410	484 B	2361	14819	0724	00537	4313

C-REF-NO 005	YR 1968	DEPTH 91	WAVES 1	XX	AIR T	VIS
CONS. NO 055	MONTH 5	MXSAMPD 00	WAVES 2	XX	WET B	STN 052
LAT 48-389N	DAY 30	NO.DPTH 4	WND-DIR		WW-CODE	
LON 122-433W	HR 06.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
061	0000	0960 B	29692	563 B	2290	14821
061	0005	0931 B	29862	514 B	2308	14813
061	0010	0931 B	29876	514 B	2309	14814
061	0020	0922	29946	510 B	2316	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0960 B	29692	563 B	2290	14821	0000	00000	4967
0010	0931 B	29876	514 B	2309	14814	0049	00002	4788
0020	0922	29946	510 B	2316	14814	0097	00010	4725

C-REF-NO 005	YR 1968	DEPTH 68	WAVES 1 XX	AIR T	VIS
CONS. NO 056	MONTH 5	MXSAMPD 00	WAVES 2 XX	WET B	STN 053
LAT 48-333N	DAY 30	NO.DPTH 6	WND-DIR	WW-CODE	
LON 122-450W	HR 06.9	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
069	0000	0940 B	30186		2332	14820
069	0005	0921 B	30205		2336	14814
069	0010	0921 B	30231		2338	14815
069	0020	0916	30320		2346	14816
069	0030	0921	30340		2347	14820
069	0050	0918	30411		2353	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	30186		2332	14820	0000	00000	4570
0010	0921 B	30231		2338	14815	0046	00002	4510
0020	0916	30320		2346	14816	0090	00009	4438
0030	0921	30340		2347	14820	0135	00021	4431
0050	0918	30411		2353	14823	0223	00057	4377



C-REF-NO 005	YR 1968	DEPTH 82	WAVES 1	XX	AIR T	VIS
CONS. NO 057	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 054
LAT 48-267N	DAY 30	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-444W	HR 07.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
076	0000	0930 B	30301	535 B	2342	14818
076	0005	0929 B	30273	524 B	2340	14818
076	0010	0928 B	30272	520 B	2340	14818
076	0020	0914	30321	498 B	2346	14815
076	0030	0914	30394	498 B	2352	14818
076	0050	0899	30692	476 B	2378	14819
076	0070	0874	31019	465 B	2407	14817

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	30301	535 B	2342	14818	0000	00000	4470
0010	0928 B	30272	520 B	2340	14818	0045	00002	4490
0020	0914	30321	498 B	2346	14815	0090	00009	4434
0030	0914	30394	498 B	2352	14818	0134	00020	4380
0050	0899	30692	476 B	2378	14819	0220	00055	4140

C-REF-NO 005	YR 1968	DEPTH 101	WAVES 1	XX	AIR T	VIS
CONS. NO 058	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 055
LAT 48-456N	DAY 30	NO.DPTH 7	WND-DIR		WW-CODE	
LOX 122-586W	HR 10.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
100	0000	1280 B	16078		1188	14771
100	0005	1115 B	26317		2004	14837
100	0010	0908 B	28749		2225	14791
100	0019	0895	29080		2252	14792
100	0028	0895	29429		2280	14793
100	0047	0893	29687		2300	14804
100	0071	0880	29929		2321	14806

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1280 B	16078		1188	14771	0000	00000	15621
0010	0908 B	28749		2225	14791	0106	00003	5594
0020	0895	29122		2256	14793	0160	00011	5298
0030	0895	2947 C		2283	14799	0212	00024	5039
0050	0892	29727		2303	14804	0312	00065	4848

C-REF-NO 005	YR 1968	DEPTH 219	WAVES 1	XX	AIR T	VIS
CONS. NO 059	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 056
LAT 48-464N	DAY 30	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-015W	HR 10.5	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
105	0000	0990 B	26810		2062	14796
105	0005	0960 B	27276		2102	14791
105	0010	0895 B	29509		2286	14796
105	0020	0863	29796		2313	14789
105	0029	0856	30033		2333	14791
105	0048	0856	30365		2358	14798
105	0073	0858	30441		2364	14804
105	0098	0856	30704		2385	14811
105	0147	0831 B	31446		2447	14819
105	0196	0825	31512		2453	14825

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0990 B	26810		2062	14796	0000	00000	7157
0010	0895 B	29509		2286	14796	0061	00003	5010
0020	0863	29796		2313	14789	0110	00010	4752
0030	0856	30056		2334	14791	0157	00022	4550
0050	0856	3037 C		2359	14799	0246	00058	4315
0075	0858	30457		2365	14805	0353	00127	4259
0100	0855	3073 B		2388	14811	0458	00220	4050
0126	0843 B	3111 I		2419	14816	0556	00332	3758
0151	0830 B	31467		2448	14819	0647	00460	3481
0176	0826	3155 C		2456	14823	0733	00604	3412

C-REF-NO 005	YR 1968	DEPTH 159	WAVES 1	XX	AIR T	VIS
CONS. NO 060	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 057
LAT 48-440N	DAY 30	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-082W	HR 11.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
115	0000	0990 B	28120		2163	14813
115	0005	0952 B	28329		2186	14802
115	0010	0937 B	28888		2231	14804
115	0020	0910	29546		2287	14804
115	0030	0907	29750		2303	14807
115	0050	0901	29864		2313	14809
115	0075	0881	30319		2351	14812
115	0100	0843	31208		2426	14813
115	0140	0829 B	31619		2460	14819

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0990 B	28120		2163	14813	0000	00000	6181
0010	0937 B	28888		2231	14804	0059	00003	5533
0020	0910	29546		2287	14804	0112	00011	5004
0030	0907	29750		2303	14807	0161	00023	4850
0050	0901	29864		2313	14809	0257	00063	4759
0075	0881	30319		2351	14812	0372	00136	4395
0100	0843	31208		2426	14813	0474	00225	3684
0126	0829	3146 I		2448	14815	0564	00329	3477



C-REF-NO 005	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 061	MONTH 5	MXSAMPD 03	WAVES 2	XX	WET B	STN 058
LAT 48-430N	DAY 30	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-141W	HR 12.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
123	0000	0940 B	29127		2249	14807
123	0005	0917 B	29381		2273	14802
123	0010	0904 B	29650		2296	14801
123	0020	0896	29847		2312	14802
123	0030	0898	29991		2323	14807
123	0049	0887	30410		2357	14811
123	0074	0881	30573		2371	14815
123	0098	0867	30912		2400	14818
123	0148	0847 B	31247		2429	14823
123	0197	0831	31518		2452	14828
123	0246	0824	31646		2463	14835
123	0295	0820	31730		2470	14843

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	29127		2249	14807	0000	00000	5358
0010	0904 B	29650		2296	14801	0052	00003	4918
0020	0896	29847		2312	14802	0100	00010	4761
0030	0898	29991		2323	14807	0147	00022	4658
0050	0887	3041 B		2358	14811	0238	00059	4326
0075	0880	30586		2372	14815	0345	00127	4195
0100	0866	30931		2401	14818	0447	00218	3922
0126	0855	3109 I		2415	14820	0543	00329	3790
0151	0846 B	31260		2430	14823	0637	00461	3657
0176	0837	31409		2443	14825	0727	00611	3537
0201	0830	31528		2453	14828	0815	00779	3442
0226	0826	3160 B		2459	14832	0901	00966	3384
0251	0824	31655		2464	14836	0986	01172	3345

C-REF-NO 005	YR 1968	DEPTH 218	WAVES 1	XX	AIR T	VIS
CONS. NO 062	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 059
LAT 48-377N	DAY 30	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-157W	HR 13.1	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
131	0000	0930 B	29754	540 B	2300	14811
131	0005	0909 B	29960	508 B	2319	14806
131	0010	0902 B	30049	498 B	2327	14806
131	0020	0871	30465	476 B	2364	14801
131	0030	0878	30522	482 B	2367	14806
131	0050	0875	30572	471 B	2372	14809
131	0075	0863	30991	455 B	2406	14814
131	0100	0858	31193	455 B	2423	14818
131	0150	0838	31517	428 B	2451	14823
131	0200	0828 C	31613	426 B	2460	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	29754	540 B	2300	14811	0000	00000	4877
0010	0902 B	30049	498 B	2327	14806	0048	00002	4617
0020	0871	30465	476 B	2364	14801	0092	00009	4266
0030	0878	30522	482 B	2367	14806	0135	00020	4233
0050	0875	30572	471 B	2372	14809	0220	00055	4195
0075	0863	30991	455 B	2406	14814	0321	00119	3870
0100	0858	31193	455 B	2423	14818	0416	00204	3717
0126	0848	3137 B	442 B	2439	14821	0508	00309	3570
0151	0838	31517	428 B	2451	14823	0596	00433	3454
0176	0832	31592	425 B	2458	14826	0682	00577	3334
0201	0828 C	31613	426 B	2460	14829	0767	00740	3376

C-REF-NO 005	YR 1968	DEPTH 309	WAVES 1	XX	AIR T	VIS
CONS. NO 063	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 060
LAT 48-339N	DAY 30	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-127W	HR 13.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
138	0000	0920 B	30136		2331	14812
138	0005	0924 B	29791		2304	14810
138	0010	0894 B	30251		2344	14805
138	0020	0871	30743		2386	14804
138	0030	0878	30769		2387	14809
138	0050	0872	30835		2393	14811
138	0075	0871	31037		2409	14817
138	0100	0854	30861		2397	14813
138	0150	0837 B	31622		2459	14824
138	0200		31802			
138	0250	0811	31938		2488	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0920 B	30136		2331	14812	0000	00000	4578
0010	0894 B	30251		2344	14805	0045	00002	4456
0020	0871	30743		2386	14804	0088	00009	4058
0030	0878	30769		2387	14809	0129	00019	4050
0050	0872	30835		2393	14811	0210	00052	3995
0075	0871	31037		2409	14817	0308	00115	3848
0100	0854	30861		2397	14813	0406	00203	3956
0126	0844	3124 I		2429	14818	0502	00313	3663
0151	0837 B	31622		2459	14824	0590	00437	3376
0176	0829 B	3171 I		2468	14826	0674	00577	3300
0201	0822 B	31802		2476	14829	0756	00734	3227
0226	0816	3188 C		2483	14832	0837	00909	3160
0251	0811	31938		2488	14834	0916	01101	3117

C-REF-NO 005	YR 1968	DEPTH 278	WAVES 1	XX	AIR T	VIS
CONS. NO 064	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET P	STN 061
LAT 48-292N	DAY 30	NO.DPTH 11	WND-DIR		WW-CCDE	
LON 123-093W	HR 14.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
145	0000	0900 B	30730		2380	14812
145	0005		30730			
145	0010	0898 B	30733		2381	14814
145	0020	0896	30787		2385	14815
145	0030	0891	30912		2396	14817
145	0050	0878	31045		2408	14817
145	0075	0869	31153		2418	14819
145	0100	0852	31362		2437	14819
145	0150	0837 B	31648		2461	14825
145	0200		31927			
145	0250	0780	32355		2525	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0900 B	30730		2380	14812	0000	00000	4108
0010	0898 B	30733		2381	14813	0041	00002	4103
0020	0896	30787		2385	14814	0082	00008	4062
0030	0891	30912		2396	14816	0123	00019	3962
0050	0878	31045		2408	14816	0201	00051	3847
0075	0869	31153		2418	14818	0297	00112	3758
0100	0852	31362		2437	14818	0389	00194	3582
0126	0843	3151 C		2450	14821	0477	00296	3458
0151	0837 B	31648		2461	14824	0563	00416	3355
0176	0825 B	3177 B		2473	14826	0646	00554	3246
0201	0812 B	31927		2487	14826	0726	00708	3119
0226	0797	32126		2505	14827	0802	00874	2954
0251	0780	32355		2525	14828	0874	01049	2764



C-REF-NO 005	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 065	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 062
LAT 48-229N	DAY 30	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-027W	HR 15.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
154	0000	0930 B	30583	533 B	2364	14821
154	0005	0930 B	30530	530 B	2360	14822
154	0010	0919 B	30587	511 B	2366	14819
154	0020	0904	30714	498 B	2379	14817
154	0030	0906	30776	499	2383	14820
154	0050	0878	31145	465 B	2416	14817
154	0075	0833	31693	433 B	2466	14811
154	0100	0777	32381	375	2527	14803

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0930 B	30583	533 B	2364	14821	0000	00000	4260
0010	0919 B	30587	511 B	2366	14819	0043	00002	4242
0020	0904	30714	498 B	2379	14817	0085	00009	4127
0030	0906	30776	499	2383	14820	0126	00019	4085
0050	0878	31145	465 B	2416	14817	0205	00051	3772
0075	0833	31693	433 B	2466	14811	0294	00107	3305
0100	0777	32381	375	2527	14803	0370	00174	2719

C-REF-NO 005	YR 1968	DEPTH 163	WAVES 1	XX	AIR T	VIS
CONS. NO 066	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 063
LAT 48-145N	DAY 30	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-589W	HR 16.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
166	0000	0960 B	30308	576 B	2338	14829
166	0005	0959 B	30254	556 B	2334	14829
166	0010	0955 B	30280	548 B	2337	14829
166	0020	0938	30296	544 B	2341	14824
166	0030	0917	30720	503 B	2377	14823
166	0050	0846	31689	474 B	2463	14812
166	0075	0806	32159	398	2506	14807
166	0100	0772	32541	367 B	2541	14803
166	0150	0761 B	32692	356	2554	14809

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0960 B	30308	576 B	2338	14829	0000	00000	4509
0010	0955 B	30280	548 B	2337	14829	0045	00002	4523
0020	0938	30296	544 B	2341	14824	0091	00009	4488
0030	0917	30720	503 B	2377	14823	0134	00020	4142
0050	0846	31689	474 B	2463	14812	0209	00050	3323
0075	0806	32159	398	2506	14807	0287	00100	2921
0101	0772	32541	367 B	2541	14803	0357	00161	2594
0126	0758	3271 B	351 B	2556	14804	0420	00234	2451
0151	0761 B	32692	356	2554	14809	0482	00322	2474

C-REF-NO 005	YR 1968	DEPTH 95	WAVES 1	XX	AIR T	VIS
CONS. NO 067	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 064
LAT 48-122N	DAY 30	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-058W	HR 17.3	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
173	0000	0940 B	30876		2386	14829
173	0005	0929 B	30899		2389	14826
173	0010	0922 B	30982		2397	14825
173	0020	0900	31317		2426	14823
173	0030	0899	31335		2428	14824
173	0050	0857	31658		2459	14816
173	0075	0847	31790		2471	14818

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	30876		2386	14829	0000	00000	4057
0010	0922 B	30982		2397	14825	0040	00002	3953
0020	0900	31317		2426	14823	0079	00008	3672
0030	0899	31335		2428	14824	0115	00017	3659
0050	0857	31658		2459	14816	0186	00046	3361
0075	0847	31790		2471	14818	0269	00099	3254

C-REF-NO 005	YR 1968	DEPTH 124	WAVES 1	XX	AIR T	VIS
CONS. NO 068	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 065
LAT 48-158N	DAY 30	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-100W	HR 17.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
179	0000	0980 B	30466	575 B	2347	14839
179	0005	0955 B	30431	562 B	2349	14830
179	0010	0952 B	30435	562 B	2349	14829
179	0020	0932	30499	546 B	2357	14824
179	0030	0906	31024	498 B	2402	14823
179	0050	0857	31554	443	2451	14814
179	0075	0846	31728	437 B	2466	14817
179	0100	0800	32194	396	2510	14809

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	30466	575 B	2347	14839	0000	00000	4422
0010	0952 B	30435	562 B	2349	14829	0044	00002	4403
0020	0932	30499	546 B	2357	14824	0088	00009	4328
0030	0906	31024	498 B	2402	14823	0129	00019	3901
0050	0857	31554	443	2451	14814	0203	00049	3438
0075	0846	31728	437 B	2466	14817	0288	00103	3298
0100	0800	32194	396	2510	14809	0366	00172	2890



C-REF-NO 005	YR 1968	DEPTH 101	WAVES 1	XX	AIR T	VIS
CONS. NO 069	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 066
LAT 48-193N	DAY 30	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-140W	HR 18.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
187	0000	0970 B	30677		2365	14838
187	0005	0929 B	30680		2372	14823
187	0010	0927 B	30712		2375	14824
187	0020	0917	30740		2379	14822
187	0030	0911	30817		2385	14822
187	0050	0873	31216		2422	14816
187	0075	0828	31743		2470	14810

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0970 B	30677		2365	14838	0000	00000	4250
0010	0927 B	30712		2375	14824	0042	00002	4161
0020	0917	30740		2379	14822	0084	00009	4127
0030	0911	30817		2385	14822	0125	00019	4062
0050	0873	31216		2422	14816	0203	00051	3712
0075	0828	31743		2470	14810	0291	00106	3261

C-REF-NO 005	YR 1968	DEPTH 106	WAVES 1	XX	AIR T	VIS
CONS. NO 070	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 067
LAT 48-228N	DAY 30	NO.DPTH 8	WND-DIP		WW-CODE	
LOD 123-181W	HR 19.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
194	0000	0920 B	30798		2383	14820
194	0005	0900 B	30782		2384	14813
194	0010	0896 B	30787		2385	14813
194	0020	0887	30815		2389	14811
194	0030	0886	30909		2396	14814
194	0050	0858	31329		2433	14812
194	0075	0845	31508		2449	14813
194	0090	0839 B	31576		2456	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0920 B	30798		2383	14820	0000	00000	4086
0010	0896 B	30787		2385	14813	0041	00002	4060
0020	0887	30815		2389	14811	0082	00008	4027
0030	0886	30909		2396	14814	0122	00019	3958
0050	0858	31329		2433	14812	0198	00049	3607
0075	0845	31508		2449	14813	0286	00106	3460

C-REF-NO 005	YR 1968	DEPTH 137	WAVES 1	XX	AIR T	VIS
CONS. NO 071	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 068
LAT 48-122N	DAY 30	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-430W	HR 21.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARG		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
210	0000	0990 B	31007		2388	14849
210	0005	0975 B	31011		2391	14844
210	0010	0919 B	31185		2413	14827
210	0020	0869	31628		2455	14815
210	0030	0855	31790		2470	14813
210	0050	0789	32379		2526	14799
210	0075	0728	33048		2587	14788
210	0100	0703	33371		2615	14787
210	0125	0684	33600		2636	14786

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0990 B	31007		2388	14849	0000	00000	4036
0010	0919 B	31185		2413	14827	0039	00002	3797
0020	0869	31628		2455	14815	0075	00007	3397
0030	0855	31790		2470	14813	0109	00016	3253
0050	0789	32379		2526	14799	0169	00040	2730
0075	0728	33048		2587	14788	0231	00078	2154
0101	0703	33371		2615	14787	0281	00124	1884
0126	0684	33600		2636	14786	0326	00175	1692

C-REF-NO 005	YR 1968	DEPTH 179	WAVES 1	XX	AIR T	VIS
CONS. NO 072	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 059
LAT 48-156N	DAY 30	NO.DPTH 9	WND-DIR		WW-CODE	
LOD 123-431W	HR 21.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
217	0000	0970 B	31110	578 B	2399	14843
217	0005	0960 B	31078	567	2398	14840
217	0010	0951 B	31102	546 B	2401	14838
217	0020	0885	31347	501 B	2431	14818
217	0030	0870	31240	471 B	2425	14812
217	0050	0803	32240	402 B	2513	14803
217	0075	0792	32357	396 B	2523	14804
217	0100	0723	33101	330 B	2591	14791
217	0150	0678	33610	286	2638	14788

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0970 B	31110	578 B	2399	14843	0000	00000	3928
0010	0951 B	31102	546 B	2401	14838	0039	00002	3906
0020	0885	31347	501 B	2431	14818	0077	00008	3629
0030	0870	31240	471 B	2425	14812	0114	00017	3688
0050	0803	32240	402 B	2513	14803	0180	00043	2853
0075	0792	32357	396 B	2523	14804	0250	00088	2753
0101	0723	33101	330 B	2591	14791	0311	00142	2111
0126	0691 B	3335 I	299 B	2616	14786	0362	00200	1882
0151	0678	33610	286	2638	14788	0407	00263	1679



C-REF-NO 005	YR 1968	DEPTH 150	WAVES 1	XX	AIR T	VIS
CONS. NO 073	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 070
LAT 48-192N	DAY 30	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-439W	HR 22.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
223	0000	0910 B	31537		2442	14826
223	0005	0904 B	31508		2440	14824
223	0010	0889 B	31539		2445	14820
223	0020	0871	31585		2451	14815
223	0030	0875				
223	0050	0865	31657		2458	14820
223	0075	0847	31823		2474	14820
223	0100	0826	31953		2487	14818
223	0130	0814	32091		2499	14820

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0910 B	31537		2442	14826	0000	00000	3522
0010	0889 B	31539		2445	14820	0035	00002	3490
0020	0871	31585		2451	14815	0070	00007	3431
0030	0875	3160 C		2453	14819	0104	00016	3423
0050	0865	31657		2458	14819	0173	00044	3375
0075	0847	31823		2474	14818	0256	00097	3229
0101	0826	31953		2487	14816	0335	00168	3107
0126	0815	32070		2498	14817	0412	00257	3007

C-REF-NO 005	YR 1968	DEPTH 119	WAVES 1	XX	AIR T	VIS
CONS. NO 074	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 071
LAT 48-220N	DAY 30	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-004W	HR 23.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
239	0000	0960 B	31455		2428	14844
239	0005	0930 B	31437		2431	14833
239	0010	0917 B	31446		2434	14829
239	0020	0889	31482		2441	14821
239	0030	0884	31544		2446	14821
239	0050	0849	31756		2468	14814
239	0075	0764	32601		2547	14796
239	0100	0702	33187		2601	14784

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0960 B	31455		2428	14844	0000	00000	3657
0010	0917 B	31446		2434	14829	0036	00002	3600
0020	0889	31482		2441	14821	0072	00007	3534
0030	0884	31544		2446	14821	0108	00016	3482
0050	0849	31756		2468	14814	0176	00044	3278
0075	0764	32601		2547	14796	0249	00090	2534
0101	0702	33187		2601	14784	0306	00140	2019

C-REF-NO 005	YR 1968	DEPTH 188	WAVES 1	XX	AIR T	VIS
CONS. NO 075	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 072
LAT 48-187N	DAY 31	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-038W	HR 01.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
014	0000	1020 B	31480	578 B	2420	14866
014	0005	1005 B	31453	572 B	2420	14861
014	0010	1000 B	31462	556 B	2422	14860
014	0020	0891	31707	498 B	2458	14824
014	0030	0869	31877	465 B	2475	14820
014	0050	0821	32295	428 B	2514	14810
014	0075	0750	32793	369 B	2564	14793
014	0100	0696	33429	315	2621	14785
014	0150	0657 B	33810	262	2656	14782

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1020 B	31480	578 B	2420	14866	0000	00000	3732
0010	1000 B	31462	556 B	2422	14860	0037	00002	3714
0020	0891	31707	498 B	2458	14824	0073	00007	3370
0030	0869	31877	465 B	2475	14820	0106	00016	3213
0050	0821	32295	428 B	2514	14810	0167	00040	2836
0075	0750	32793	369 B	2564	14793	0232	00081	2373
0101	0696	33429	315	2621	14785	0285	00128	1831
0126	0665	3361 I	280	2640	14779	0329	00178	1653
0151	0657 B	33810	262	2656	14782	0369	00234	1503

C-REF-NO 005	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 076	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 073
LAT 48-152N	DAY 31	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-069W	HR 02.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
022	0000	1040 B	31463		2415	14873
022	0005		31447			
022	0010	1025 B	31453		2417	14870
022	0020	1004 B	31545		2427	14865
022	0030	0909	31982		2477	14837
022	0050	0761	32857		2567	14795
022	0075	0721	33405		2616	14791
022	0100	0708	33523		2627	14791
022	0150	0694 B	33732		2645	14797

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	1040 B	31463		2415	14873	0000	00000	3776
0010	1025 B	31453		2417	14869	0038	00002	3761
0020	1004 B	31545		2427	14864	0075	00008	3660
0030	0909	31982		2477	14836	0110	00016	3194
0050	0761	32857		2567	14794	0165	00038	2336
0075	0721	33405		2616	14790	0213	00071	1878
0101	0708	33523		2627	14791	0264	00113	1777
0126	0698	3362 I		2636	14792	0308	00163	1689
0151	0694 B	33732		2645	14796	0349	00221	1609



C-REF-NO 005	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 077	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 074
LAT 48-251N	DAY 31	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-356W	HR 04.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
041	0000	1120 B	31336		2391	14900
041	0005		31303			
041	0010	1095 B	31307		2394	14894
041	0020	0893	31514		2443	14824
041	0030	0878	31878		2473	14824
041	0050	0820 B	32806		2555	14817
041	0075	0785	33046		2578	14811
041	0100	0732	33386		2613	14799
041	0150	0709 B	33596		2632	14801

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1120 B	31336		2391	14900	0000	00000	4001
0010	1095 B	31307		2394	14893	0040	00002	3982
0020	0893	31514		2443	14823	0078	00008	3516
0030	0878	31878		2473	14823	0112	00016	3225
0050	0820 B	32806		2555	14817	0169	00039	2456
0075	0785	33046		2578	14810	0228	00076	2233
0101	0732	33386		2613	14798	0280	00123	1911
0126	0710	3355 D		2629	14796	0326	00176	1760
0151	0709 B	33596		2632	14800	0370	00238	1731

C-REF-NO 005	YR 1968	DEPTH 236	WAVES 1	XX	AIR T	VIS
CONS. NO 078	MONTH 5	MXSAMPD 02	WAVES 2	XX	WET B	STN 075
LAT 48-282N	DAY 31	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-328W	HR 04.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
048	0000	1050 B	31245	637 B	2396	14874
048	0005	1057 B	31194	653	2391	14877
048	0010	0989 B	31241	594 B	2406	14853
048	0020	0861	31404	496	2439	14809
048	0030	0873	31609	474 B	2453	14818
048	0050	0843 B	31825	449 B	2474	14813
048	0075	0746	33142	404 B	2592	14796
048	0100	0669	33726	274	2648	14778
048	0150	0650	33825	244 B	2658	14780
048	0200	0644	33826	246	2659	14786

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1050 B	31245	637 B	2396	14874	0000	00000	3954
0010	0989 B	31241	594 B	2406	14853	0039	00002	3862
0020	0861	31404	496	2439	14809	0076	00008	3552
0030	0873	31609	474 B	2453	14818	0112	00017	3418
0050	0843 B	31825	449 B	2474	14813	0178	00044	3218
0075	0746	33142	404 B	2592	14796	0245	00085	2107
0101	0669	33726	274	2648	14778	0292	00125	1574
0126	0647 D	3377 I	238 D	2655	14774	0330	00170	1514
0151	0650	33825	244 B	2658	14780	0368	00223	1483
0176	0643	3385 D	238 B	2661	14782	0405	00285	1457
0201	0644	33826	246	2659	14786	0442	00356	1482

C-REF-NO 005	YR 1968	DEPTH 115	WAVES 1	XX	AIR T	VIS
CONS. NO 079	MONTH 5	MXSAMPD 01	WAVES 2	XX	WET B	STN 076
LAT 48-304N	DAY 31	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-315W	HR 07.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
071	0000	1050 B	31333		2403	14875
071	0005	0999	31307		2410	14857
071	0010	0941 B	31343		2422	14837
071	0020	0901	31494		2440	14825
071	0030	0858	31753		2467	14814
071	0050	0824	32061		2496	14808
071	0075	0747	32828		2567	14793
071	0100	0663	33745		2650	14776

## I N T E R P O L A T E D

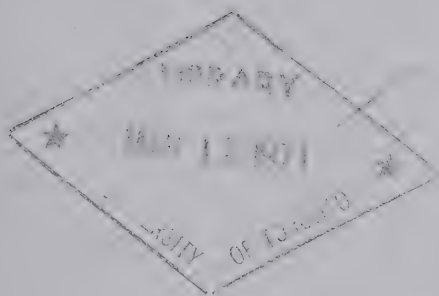
PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1050 B	31333		2403	14875	0000	00000	3983
0010	0941 B	31343		2422	14837	0038	00002	3712
0020	0901	31494		2440	14825	0075	00007	3542
0030	0858	31753		2467	14814	0109	00016	3289
0050	0824	32061		2496	14808	0172	00042	3015
0075	0747	32828		2567	14793	0240	00084	2342
0101	0663	33745		2650	14776	0289	00127	1552





**OCEANOGRAPHIC RECORDS  
FROM TWELVE CRUISES IN  
THE STRAIT OF GEORGIA  
AND JUAN DE FUCA STRAIT  
1968**

**P.B. Crean  
A.B. Ages**



**Volume 4  
Summer**



**DEPARTMENT OF ENERGY, MINES AND RESOURCES  
MARINE SCIENCES BRANCH, VICTORIA**



**OCEANOGRAPHIC RECORDS  
FROM TWELVE CRUISES IN  
THE STRAIT OF GEORGIA  
AND JUAN DE FUCA STRAIT  
1968**

**P.B. Crean  
A.B. Ages**

**Volume 4      Summer**

**DEPARTMENT OF ENERGY, MINES AND RESOURCES  
MARINE SCIENCES BRANCH, VICTORIA**





## DESCRIPTION OF MACHINE-GENERATED DATA RECORD



## INTRODUCTION

This section applies to the machine processing phase of the data reduction and computation.

The oceanographic data previously recorded on CODC data summary forms, a sample of which is shown on the next page, are transferred to punch-cards for subsequent electronic data processing on an IBM 1620 computer, using CODC's OCEANS II program. In addition to computing routine derived quantities, the program carries out unit and format conversions, range checks, plausibility tests, internal editing, and if required, interpolation at standard oceanographic depths. When interpolations are carried out, additional derived values are computed.

After the data have been processed, the data record is prepared using an IBM 1401 computer configuration with the OCEAN REPORT III program, which provides for pre-edited high speed print-out on continuous direct-image masters. These masters subsequently yield the required volume of copies for distribution.

Provision has been made to enter an "estimate of precision" for each observed variable selected for interpolation at standard oceanographic depths. The precision depends on the instrument and/or technique used to determine the variable. A standard precision stated as a **standard deviation** ( $\sigma$ ) can be determined for each instrument or technique under routine field conditions by making duplicate determinations of the variables for a homogeneous sample of sea water. These standard deviations are given for each cruise under "GENERAL INFORMATION" in section III of the data record.

The **measurement error estimate** of a specific observation in this data record, is stated as a multiple of the standard deviation derived as above, and entered in a column immediately to the right of the reported variable. In order to distinguish it from an additional decimal digit, the measurement error estimate is recorded alphabetically, (i.e.,  $1\sigma = A$ ,  $2\sigma = B$ , etc.; in this data record "A" is suppressed).

An option is provided with respect to the measurement of the salinity variable. If observed to three decimal digits, the last digit takes the place of the measurement error estimate.

In the past, a number of methods for both manual and machine interpolation have been developed. Studies and comparisons of the several methods have shown that no single method is universally acceptable. The manual methods are the most elaborate and flexible, but often require subjective decisions. In machine interpolation, all the present methods fail to yield acceptable results under some circumstances. Hence, it is considered necessary to qualify interpolated values by stating an "interpolation error estimate" derived from the particular interpolation formula used. There are two purposes in stating the error estimates; **first**, to give an indication of the quality of the interpolated data; **second**, to allow the oceanographer to redesign his observational procedures in order to reduce interpolation errors in future observations.

The interpolation scheme chosen for the OCEANS II program consists of a combination of two 3-point interpolations using the Lagrangian interpolation polynomial, as recommended by Rattray (1962). A parabola is fitted through three values of a given variable ( $T$ ,  $S$ ,  $O_2$ ) considered as a function of depth. The two interpolation parabolas require a total of four points (observed depths). The middle points are common to both parabolas. The average of the two values obtained from the parabolas at standard depth is taken as the interpolated value, and a function of their difference as an estimate of the interpolation error.

This function combined with the "measurement error estimate" comprises the "combined measurement and interpolation error estimate". It is expressed as a multiple of the standard deviation of measurement ( $\sigma$ ) under normal routine field conditions by:

## CANADIAN OCEANOGRAPHIC DATA CENTRE

1 IDENT. CODE	2 LATITUDE (N=+) DEG.° MIN. 1/10	3 LONGITUDE (W=+) DEG.° MIN. 1/10	5 DATE YEAR MONTH DAY	6 TIME HOURS 1/10 G.M.T.	7 DEPTH TO BOTTOM	9 NO. DEPTHS OBS'D.	VESSEL ENTERED BY CHECKED BY							
18			19 20 21 22 23 24 25 26 27		28 29 30 31	34 35								
10 WATER	11 WAVES I DW DPW HW	12 WAVES II DW DPW HW	13 WIND DIR. <del>FORCED</del>	14 BAROMETER	15 AIR TEMP. 1/10	16 WET BULB 1/10	17 W.W. CODE (SEPT. 62)	18 CLOUD TYPE	19 HOURS AFTER H.W.	20 UNASSIGNED	21 CRUISE REFERENCE NUMBER	22 CONSEC. NUMBER	23 DEPTHS OBS'D.	24 1
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80														

6 TIME HOURS 1/10 G.M.T.		7 DEPTH OF SAMPLE	8 TEMPERATURE	9 SALINITY	10 OXYGEN	13 PO <sub>4</sub> - P	14 TOTAL - P	15 NO <sub>2</sub> - N	16 NO <sub>3</sub> - N	17 SiO <sub>2</sub> - Si	18 p.H.	CAM	
1												3	
2												3	
3												3	
4												3	
5												3	
6												3	
7												3	
8												3	
9												3	
10												3	
11												3	
12												3	
13												3	
14												3	
15												3	
16												3	
17												3	
18												3	
19												3	
20												3	
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46												55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72	80



$$\frac{\sigma_i}{\sigma} = \left\{ \frac{(\Delta V_i)^2}{\sigma^2} + \sum_{n=j-2}^{j+1} (\gamma_n)^2 \left( \frac{\sigma_n}{\sigma} \right)^2 \right\}^{1/2}, \text{ where}$$

$\sigma$  = Standard deviation of the combined error estimates at standard oceanographic depth,  
 $\Delta V_i$  = the interpolation error estimate of variable "V" at standard oceanographic depth =  $1/3 (V_{i_1} - V_{i_2})$   
 $\gamma$  = Interpolation polynomial coefficient.

$Z_j$  = Observed depth.

$Z_i$  = Standard oceanographic depth, such that:  $Z_{j-2} < Z_{j-1} < Z_i < Z_j < Z_{j+1}$

The integral part of the fraction  $\frac{\sigma_i}{\sigma}$ , if  $\geq 2$ , is reported in this Data Record following the interpolated variable. It represents the **combined measurement and interpolation error estimate**. In order to distinguish it from an additional decimal digit, it is recorded alphabetically (e.g.: 2 as "B", 3 as "C", etc.).

With respect to the interpolated value of the salinity variable if reported to three decimal digits, the **interpolation error estimate** is given only when  $\frac{\sigma_i}{\sigma} \geq 2$  (the salinity is then recorded to two decimal places). If less than 2, the mean obtained from the two interpolation parabolas is reported to three decimal places.

## EXPLANATION OF DATA RECORD HEADINGS

### MASTER HEADINGS

(1) C-REF-NO	(6) YR	(11) DEPTH	(16) WAVES 1	(21) AIR T	(26) VIS
(2) CONS. NO	(7) MONTH	(12) MXSAMPD	(17) WAVES 2	(22) WET B	(27) STN
(3) LAT	(8) DAY	(13) NO. DPTH	(18) WND-DIR	(23) WW-CODE	
(4) LON	(9) HR	(14) W-COLOR	(19) WND-FCE	(24) CLD-TPE	
(5) MARSD SQ	(10) C/I	(15) W-TRNSP	(20) BARO	(25) CLD-AMT	(28) HW

- (1) CRUISE REFERENCE NUMBER: Assigned by the Institute. Commences with 001 at the beginning of each year (effective Jan. 1, 1963). Prior to that date the CRN was a number designated by CODC.
- (2) CONSECUTIVE NUMBER: Indicates the chronological order in which the stations were occupied.
- (3) LATITUDE: Indicate the position of the platform at the time of observation.
- (4) LONGITUDE:
- (5) MARSDEN SQUARE: Designates the geographic area code of the observation (see Marsden square chart).
- (6) YEAR:
- (7) MONTH:
- (8) DAY:
- (9) HOUR: The time (Greenwich Mean Time) at which the surface environmental data were recorded. It is reported to tenths of hours (Table 1).  
If an "X" precedes the value for HOUR, (prior to Jan. 1, 1963) it indicates that the reported time is doubtful.
- (10) COUNTRY/INSTITUTE: The International Geophysical Year (IGY) Country Code/Institute Code - see Table 11.
- (11) DEPTH: The sounding reported in metres. If corrected, this is stated in the "GENERAL INFORMATION" chapter of section III. Charted depths are preceded by the letter "C".
- (12) MAXIMUM SAMPLING DEPTH: A code to indicate the deepest sampling depth (used for high speed sorting).
- 00 m - 50 m = 00  
51 m - 150 m = 01  
151 m - 250 m = 02  
etc.

100 NUMBER OF  
OBSERVATIONS

The number of events observed that a station is receiving a message, where station, depending upon the use of radio-telegraph.

101 PERCENT YELLOW

A code number for the percentage of yellow (see table 3 and Note under FIELD "15" above).

102 WATER

TRANSMISSION

The least number of times a letter has been observed in a message (see diagram) has been in the actual letter transmitted in percentage.

NOTE: The "GENERAL INFORMATION" chapter in section II of the manual contains all data which should be used.

103 WIND 1

$P_1, P_2, P_3, P_4$  (knots)

The direction, period and length of the wind-observed wave pattern. (See Tables 2, 4 and 5. Ref: World Meteorological Organization Codes 1955, 1956, 1957).

104 WIND 2

$P_1, P_2, P_3, P_4$  (knots)

The direction, period and length of the wind-observed sea-observed wave pattern. (See Tables 2, 4 and 5. Ref: World Meteorological Organization Codes 1955, 1956, 1957).

105 WIND DIRECTION

The true direction of the waves in degrees from which the wind is blowing (wind direction 090 means -wind variable or direction unknown).

106 WIND FORCE

WIND-FORCE

Beaufort notation (See Table 6).

WIND SPEED

WIND-SPEED

Continuous reading recorded in knots per second. Instrument height reported in "GENERAL INFORMATION" chapter of section II.

107 BAROMETER

The barometric pressure recorded is sufficient the "GENERAL INFORMATION" chapter in section II of the manual will state the type of instrument used.

108 AIR

TEMPERATURE

In degrees Celsius.

109 SURF BALL

In degrees Celsius.

110 WIND DIRECTION

Present Weather Code (See Table 7. Ref: WMO Code 467).

111 CLOUD COVER

The code of cloud-covering clouds (See Table 8. Ref: WMO Code 1500).

112 CLOUD HEIGHT

The sea coverage in degrees (See Table 9. Ref: WMO Code 1700).

113 WIND 1

Direction of the surface (See Table 10. Ref: WMO Code 4000).

114 STATION

A station reference number, assigned by the Institute prior to, or during the survey.

115 SOURCE OF THE

WIND DATA

Indicates the source of the data for weather observations.

## OBSERVED DATA HEADINGS

(1) GMT	(2) DEPTH	(3) TEMP	(4) SAL	(5) OXYGEN	(6) SGMT	
(7) SOUND	(8) $PO_4$	(9) -P-	(10) $NO_2$	(11) $NO_3$	(12) $SiO_3$	(13) pH.

NOTE: Headings (1) to (7) will always be present. Headings (8) to (13) appear only when one or more additional chemical entries were made.

(1) G.M.T.: The Greenwich Mean Time of (in-situ) thermometer inversion and sea water sample collection.

When a multiple cast was initiated prior to and continued after midnight, the times indicated are uninterrupted by the change of day and appear beyond 24.0 hours. This will be accompanied by a statement: "MULTIPLE CAST CONTINUED NEXT DAY", which is printed following the last level of observed values.

(2) DEPTH: The depth in metres at the reversal time of deepest cast.

(3) TEMPERATURE: Temperatures from deepsea reversing thermometers, read to  $0.01^\circ \text{C}$ . Surface temperature measurement procedures are described in the chapter "OBSERVATION PROCEDURES" of section I, and/or the "GENERAL INFORMATION" chapter of section III.

An alphabetical character following the temperature value represents the measurement error estimate referred to in the INTRODUCTION to this section.

(4) SALINITY: Salinity as defined by:  $S = 0.03 + 1.805 \text{ C1\%}$ , reported in:

- 1/100 parts per 1000, or
- 1/1000 parts per 1000.

In case a: an alphabetical character following the value is the measurement error estimate as referred to under (3).

In case b: no error estimate indication is provided for, but an additional decimal digit takes its place.

(5) OXYGEN: The concentration of dissolved oxygen expressed in millilitres per litre to 2 decimal places.

An alphabetical character following the value is the measurement error estimate as referred to under (3).

(6) SIGMA-T: The specific gravity anomaly as defined by:  $(\text{Specific gravity} - 1) \times 10^3$  (e.g.,  $\sigma_t$  reported as 2456, reads 24.56, and corresponds to a specific gravity of 1.02456).

(7) SOUND: The sound velocity is reported in m/sec. to 1 decimal place (e.g., 1437.9 m/sec.). The computation is carried out using Wilson's formula (1960), expressed in terms of temperature, salinity and total pressure.



(8) PO <sub>4</sub>	Phosphate-Phosphorus reported to hundredths of microgram-atoms per litre.
(9) -P-	Total Phosphorus reported to hundredths of microgram-atoms per litre.
(10) NO <sub>2</sub>	Nitrite-Nitrogen reported to hundredths of microgram-atoms per litre — No dissolved nitrogen included —
(11) NO <sub>3</sub>	Nitrate-Nitrogen reported to tenths of microgram-atoms per litre.
(12) SiO <sub>2</sub>	Silicate-Silicon reported in whole microgram-atoms per litre.
(13) pH	The pH value.

NOTE: "TRC" (trace) is reported when a chemical entry has a value less than the standard deviation of measurement for that particular variable.

# INTERPOLATED DATA HEADINGS

(1) DEPTH	(2) TEMP	(3) SAL	(4) OXYGEN	(5) SGMT	(6) SOUND
(7) DELTA-D	(8) POT-EN	(9) SVA.			

- (1) DEPTH: Standard Oceanographic Depth in whole metres, as well as additional depths: 125, 175, 225, 3500, 4500, 5500, 6500, 7500, 8500, 9500.
- (2) TEMPERATURE: Interpolated value at standard depth, followed by the combined measurement and interpolation error estimate (see "INTRODUCTION" to section II of the data record).
- (3) SALINITY: A. The reported salinity values are measured to three decimal places.  
(i) the interpolation error estimate is less than twice the standard deviation of measurement  
—the interpolated value is reported to three decimal places (e.g., 30.139).  
(ii) the interpolation error estimate is equal to or greater than twice the standard deviation of measurement.  
—the interpolated value is reported to two decimal places, and followed by the interpolation error estimate (e.g., 29.23 C).  
B. The reported salinity values are measured to two decimal places and followed by the measurement error estimate.  
—the interpolated value is reported to two decimal places, and followed by the combined measurement and interpolation error estimate (e.g., 30.59 B).
- (4) OXYGEN: Interpolated value at standard depth, followed by the combined measurement and interpolation error estimate (see "Introduction" to section II of the data record).

- (5) SIGMA-T: Computed from temperature and salinity values at standard oceanographic depth.
- (6) SOUND VELOCITY: Computed from temperature, salinity and total pressure values at standard oceanographic depth, using Wilson's formula (1960).
- (7) DELTA-D: The geo-potential anomaly as defined by:
- $$\Delta D = \int_0^P \delta \rho dp$$
- $\Delta D$  is expressed in dynamic metres ( $10^5$  ergs/gram) and recorded to three decimal places (e.g., 2.345 dyn. metres).
- (8) POTENTIAL ENERGY ANOMALY: The Potential energy anomaly  $\chi$  as defined by:
- $$\chi = 1/g \int_0^P \rho \delta \rho dp = \int_0^z \rho \delta \rho dz$$
- $\chi$  is expressed in units of  $10^8$  ergs/cm<sup>2</sup> and recorded to two decimal places (e.g., 116.44).
- (9) SPECIFIC VOLUME ANOMALY: The specific volume anomaly as defined by:
- $$\delta = \alpha - \alpha_{35.0.P}$$
- $\delta$  is expressed in ml/gr, and conventionally reported as  $10^4 \delta$ , to one decimal place (i.e.,  $\delta$  reported as 1234, reads 123.4, and corresponds to a specific volume anomaly of 0.001234 ml/gr.).

## SPECIAL CHARACTERS

‡ (Record mark): is used to indicate inconsistencies which are printed in an area below the "Observed Data". A corresponding record mark at the extreme left hand side indicates the level at which the inconsistency occurs

\* (Asterisk): this character may occur in the **interpolated** portion of the data record. It is printed at the extreme left hand side of the page, when three or more standard depth levels fall within **any one observed depth interval**. The **third**, and all consequent levels are preceded by the asterisk to indicate that more than **two** machine interpolations were carried out, utilizing the same set of interpolation parabolas. The asterisk will also appear when the last standard depth is an extrapolation and there are at least two interpolations between the last two observed depths.

Q: appears occasionally in this data record, preceding an observed oxygen value. This "questionable" indicator infers that the value does not fit the usual pattern of oxygen distribution. "The questionable" value could be due to a sampling error and, generally, is not a result of an error in determination.

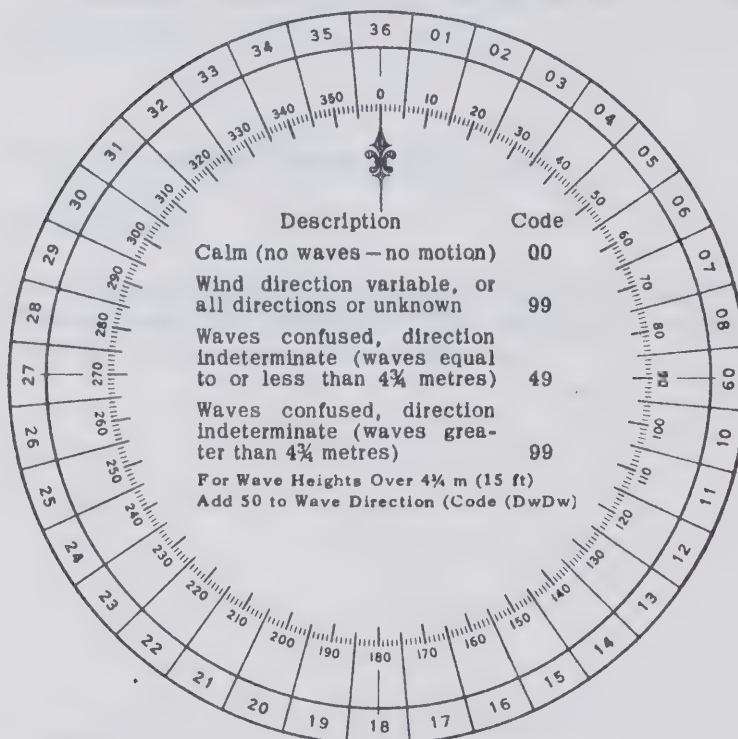
**Table 1**  
**CONVERSION**  
**MINUTES TO  $\frac{1}{4}$  HRS.**

Minutes	Tenths Hrs.
00-03	0
04-08	1
09-15	2
16-20	3
21-27	4
28-32	5
33-39	6
40-44	7
45-51	8
52-56	9
57-59	0 (next HR.)

**Table 2**  
**WATER COLOR CODE**  
**Based on Percentage Yellow**

Code:	Description
00	Deep Blue
10	Blue
20	Greenish Blue
30	Bluish Green
40	Green
50	Light Green
60	Yellowish Green
70	Yellow Green
80	Green Yellow
90	Greenish Yellow
99	Yellow

**Table 3. DIRECTION CODE (dd)**



**NOTE:**

Always use the true direction from which the wind is blowing, or the direction from which Waves I (sea), or Waves II (swell) come.



**Table 4. PERIOD OF THE WAVES (P<sub>w</sub>)**

(Measure to the Nearest Second)

Code:	Period in Seconds:	Code:	Period in Seconds:
2	5 sec. or less	8	16 or 17 sec.
3	6 or 7 sec.	9	18 or 19 sec.
4	8 or 9 sec.	0	20 or 21 sec.
5	10 or 11 sec.	1	Over 21 sec.
6	12 or 13 sec.	X	Calm, or period not determined
7	14 or 15 sec.		

**Table 5. HEIGHT OF THE WAVES (H<sub>w</sub>)**

- The average value of the wave height (vertical distance between trough and crest) is reported, as obtained from the larger well formed waves of the wave system being observed.
- Each code figure provides for reporting a range of heights. For example: 1 =  $\frac{1}{4}$  m (1 ft) to  $\frac{3}{4}$  m ( $2\frac{1}{2}$  ft); 5 =  $2\frac{1}{4}$  m (7 ft) to  $2\frac{3}{4}$  m (9 ft); 9 =  $4\frac{1}{4}$  m ( $13\frac{1}{2}$  ft) to  $4\frac{3}{4}$  m (15 ft), etc.
- If a wave height comes exactly midway between the heights corresponding to two code figures, the lower code figure is reported; e.g. a height of  $2\frac{3}{4}$  m is reported by code figure 5.

Code			Code
0	Less than ¼ m (1 ft)		0 5 m (16 ft)
1	½ m ( 1½ ft)		1 5½ m (17½ ft)
2	1 m ( 3 ft)		2 6 m (19 ft)
3	1½ m ( 5 ft)	Add 50 to Dw Dw	3 6½ m (21 ft)
4	2 m ( 6½ ft)		4 7 m (22½ ft)
5	2½ m ( 8 ft)		5 7½ m (24 ft)
6	3 m ( 9½ ft)		6 8 m (25½ ft)
7	3½ m (11 ft)		7 8½ m (27 ft)
8	4 m (13 ft)		8 9 m (29 ft)
9	4½ m (14 ft)		9 9½ m (30½ ft) or more
x	Height not determined		

Add  
50  
to  
Dw Dw

**Table 6. WIND FORCE CODE**

The Beaufort force of the wind is estimated from the appearance of the sea surface, according to the table below. This table is only intended as a guide to show roughly what may be expected on the open sea, remote from land. Factors which must be taken into account are the "lag" effect between the wind increasing and the sea getting up; and the influence of "fetch", depth, swell, heavy rain and tide effect on the appearance of the sea. Estimation of the wind force by this method becomes unreliable in shallow water or when close inshore, owing to the tidal effect and the shelter provided by the land.

Code	Appearance of sea if fetch and duration of the blow have been sufficient to develop the sea fully	Description
00	Sea like a mirror	Calm
01	Ripples with the appearance of scales are formed, but without foam crests.	Light Air
02	Small wavelets; crests have a glassy appearance and do not break.	Light Breeze
03	Large wavelets; crests begin to break; foam of glassy appearance; perhaps scattered white horses.	Gentle Breeze
04	Small waves, becoming longer; fairly frequent white horses.	Moderate breeze
05	Moderate waves; many white horses are formed (chance of some spray)	Fresh Breeze
06	Large waves; white foam crests everywhere (probably some spray)	Strong Breeze
07	Sea heaps up and white foam from breaking waves begins to be blown in streaks along the direction of the wind.	Near Gale
08	Moderately high waves; edges of crests begin to break into the spindrift; foam is blown in well-marked streaks along the direction of the wind.	Gale
09	High waves; dense streaks of foam along wind; crests begin to topple, tumble and roll over; spray may affect visibility.	Strong Gale
10	Very high waves with long overhanging crests; foam in great patches blown in dense white streaks along wind; sea surface takes a white appearance; tumbling becomes heavy and shock-like; visibility affected.	Storm
11	Exceptionally high waves (medium sized ships may be lost to view behind waves); sea covered with long white patches of foam lying along the wind; everywhere edges of crests are blown into froth; visibility affected.	Violent Storm
12	Air is filled with foam and spray; sea completely white with driving spray; visibility seriously affected.	Hurricane

Table 7. PRESENT WEATHER

W.W. CODE

## NO PRECIPITATION ON STATION AT TIME OF OBSERVATION

Code figure		ww	
No meteors except photometeors	{	00	Cloud development not observed or not observable
		01	Clouds generally dissolving or becoming less developed
		02	State of sky on the whole unchanged
		03	Clouds generally forming or developing
Haze, dust, sand or smoke	{	04	Visibility reduced by smoke, e.g. veldt or forest fires, industrial smoke or volcanic ashes
		05	Haze
		06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation
		07	Dust or sand raised by wind at or near the station at the time of observation, but no well developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen
		08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour or at the time of observation, but no dustorm or sandstorm
		09	Duststorm or sandstorm within sight at the time of observation, or at the station during the preceding hour
		10	Mist
		11	Patches of shallow fog or ice fog at the station, whether on land or sea, not deeper than about 2 metres on continuous land or 10 metres at sea
		12	More of less
		13	Lightning visible, no thunder heard
		14	Precipitation within sight, not reaching the ground or the surface of the sea
		15	Precipitation within sight, reaching the ground or the surface of the sea, but distant (i.e. estimated to be more than 5 km) from the station
		16	Precipitation within sight, reaching the ground or the surface of the sea, near to, but not at the station
		17	Thunderstorm, but no precepitation at the time of observation
		18	Squalls at or within sight of the station during the preceding hour
		19	Funnel clouds or at the time of observation
		characteristic change of the state of sky during the past hour	
ww = 20 - 29			
Precipitation, fog, ice fog or thunderstorm at the station during the preceding hour but not at the time of observation			
20 Drizzle (not freezing) or snow grains			
21 Rain (not freezing)			
22 Snow			
23 Rain and snow or ice pellets, type (a)			
24 Freezing drizzle or freezing rain			
25 Shower(s) of rain			
26 Shower(s) of snow, or of rain and snow			
27 Shower(s) of hail, or of rain and hail			
28 Fog or ice fog			
29 Thunderstorm (with or without precipitation)			
ww = 30 - 39			
Duststorm, sandstorm, drifting or blowing snow			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
ww = 40 - 49			
Fog or ice fog at the time of observation			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			

## NO PRECIPITATION ON STATION AT TIME OF OBSERVATION



# PRECIPITATION ON STATION AT TIME OF OBSERVATION

## ww = 50 - 59 Drizzle

- |    |  |   |                                      |
|----|--|---|--------------------------------------|
| 50 | Drizzle, not freezing, intermittent          | { | slight at time of observation        |
| 51 | Drizzle, not freezing, continuous            |   |                                      |
| 52 | Drizzle, not freezing, intermittent          | { | moderate at time of observation      |
| 53 | Drizzle, not freezing, continuous            |   |                                      |
| 54 | Drizzle, not freezing, intermittent          | { | heavy (dense) at time of observation |
| 55 | Drizzle, not freezing, continuous            |   |                                      |
| 56 | Drizzle, freezing, slight                    |   |                                      |
| 57 | Drizzle, freezing, moderate or heavy (dense) |   |                                      |
| 58 | Drizzle and rain, slight                     |   |                                      |
| 59 | Drizzle and rain, moderate or heavy          |   |                                      |

## ww = 60 - 69 Rain

- |    |   |   |                                 |
|----|---|---|---------------------------------|
| 60 | Rain, not freezing, intermittent            | { | slight at time of observation   |
| 61 | Rain, not freezing, continuous              |   |                                 |
| 62 | Rain, not freezing, intermittent            | { | moderate at time of observation |
| 63 | Rain, not freezing, continuous              |   |                                 |
| 64 | Rain, not freezing, intermittent            | { | heavy at time of observation    |
| 65 | Rain, not freezing, continuous              |   |                                 |
| 66 | Rain, freezing, slight                      |   |                                 |
| 67 | Rain, freezing, moderate or heavy           |   |                                 |
| 68 | Rain or drizzle and snow, slight            |   |                                 |
| 69 | Rain or drizzle and snow, moderate or heavy |   |                                 |

## 70 - 79 Solid precipitation not in showers

ww

- |    |   |   |                                 |
|----|---|---|---------------------------------|
| 70 | Intermittent fall of snow flakes                      | { | slight at time of observation   |
| 71 | Continuous fall of snow flakes                        |   |                                 |
| 72 | Intermittent fall of snow flakes                      | { | moderate at time of observation |
| 73 | Continuous fall of snow flakes                        |   |                                 |
| 74 | Intermittent fall of snow flakes                      | { | heavy at time of observation    |
| 75 | Continuous fall of snow flakes                        |   |                                 |
| 76 | Ice prisms (with or without fog)                      |   |                                 |
| 77 | Snow grains (with or without fog)                     |   |                                 |
| 78 | Isolated starlike snow crystals (with or without fog) |   |                                 |
| 79 | Ice pellets, type (a)                                 |   |                                 |

## ww = 80 - 99 Showery precipitation, or precipitation with current or recent thunderstorm

- |    |  |   |   |
|----|--|---|---|
| 80 | Rain shower(s), slight   |   |   |
| 81 | Rain shower(s), moderate or heavy  |   |   |
| 82 | Rain shower(s), violent  |   |   |
| 83 | Shower(s) of rain and snow mixed, slight   |   |   |
| 84 | Shower(s) of rain and snow mixed, moderate or heavy  |   |   |
| 85 | Snow shower(s), slight   |   |   |
| 86 | Snow shower(s), moderate or heavy  |   |   |
| 87 | Shower(s) of snow pellets or ice pellets, type (b), with or without rain or rain and snow mixed  | { | - slight  |
| 88 |  |   |   |
| 89 | Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder      | { | - slight  |
| 90 |  |   |   |
| 91 | Slight rain at time of observation   | { | - moderate or heavy   |
| 92 | Moderate or heavy rain at time of observation  |   |   |
| 93 | Slight snow, or rain and snow mixed or hail at time of observation                               | { | thunderstorm during the preceding hour but not at time of observation |
| 94 | Moderate or heavy snow, or rain and snow mixed or hail at time of observation                    |   |   |
| 95 | Thunderstorm, slight or moderate, without hail, but with rain and/or snow at time of observation | { | thunderstorm at time of observation                                   |
| 96 | Thunderstorm, slight or moderate, with hail at time of observation                               |   |   |
| 97 | Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation              | { |   |
| 98 | Thunderstorm, combined with duststorm or sandstorm at time of observation                        |   |   |
| 99 | Thunderstorm, heavy, with hail at time of observation  |   |   |

# PRECIPITATION ON STATION AT TIME OF OBSERVATION



**Table 8. CLOUD TYPE CODE**

Code	Cloud Type	Code	Cloud Type
0	Cirrus ..... Ci	5	Nimbostratus ..... Ns
1	Cirrocumulus ..... Cc	6	Stratocumulus ..... Sc
2	Cirrostratus ..... Cs	7	Stratus ..... St
3	Alto cumulus ..... Ac	8	Cumulus ..... Cu
4	Altostratus ..... As	9	Cumulonimbus ..... Cb
X	Cloud not visible owing to darkness, fog, duststorm, sandstorm, or other analogous phenomena		

**Table 9. CLOUD AMOUNT CODE**

Code	Cloud Cover	Code	Cloud Cover
0	0	6	6 oktas
1	1 okta or less, but not zero	7	7 oktas or more, but not 8 oktas
2	2 oktas	8	8 oktas
3	3 oktas	9	Sky obscured, or cloud amount cannot be estimated
4	4 oktas		
5	5 oktas		

Note: 1 okta =  $\frac{1}{8}$  of the sky covered

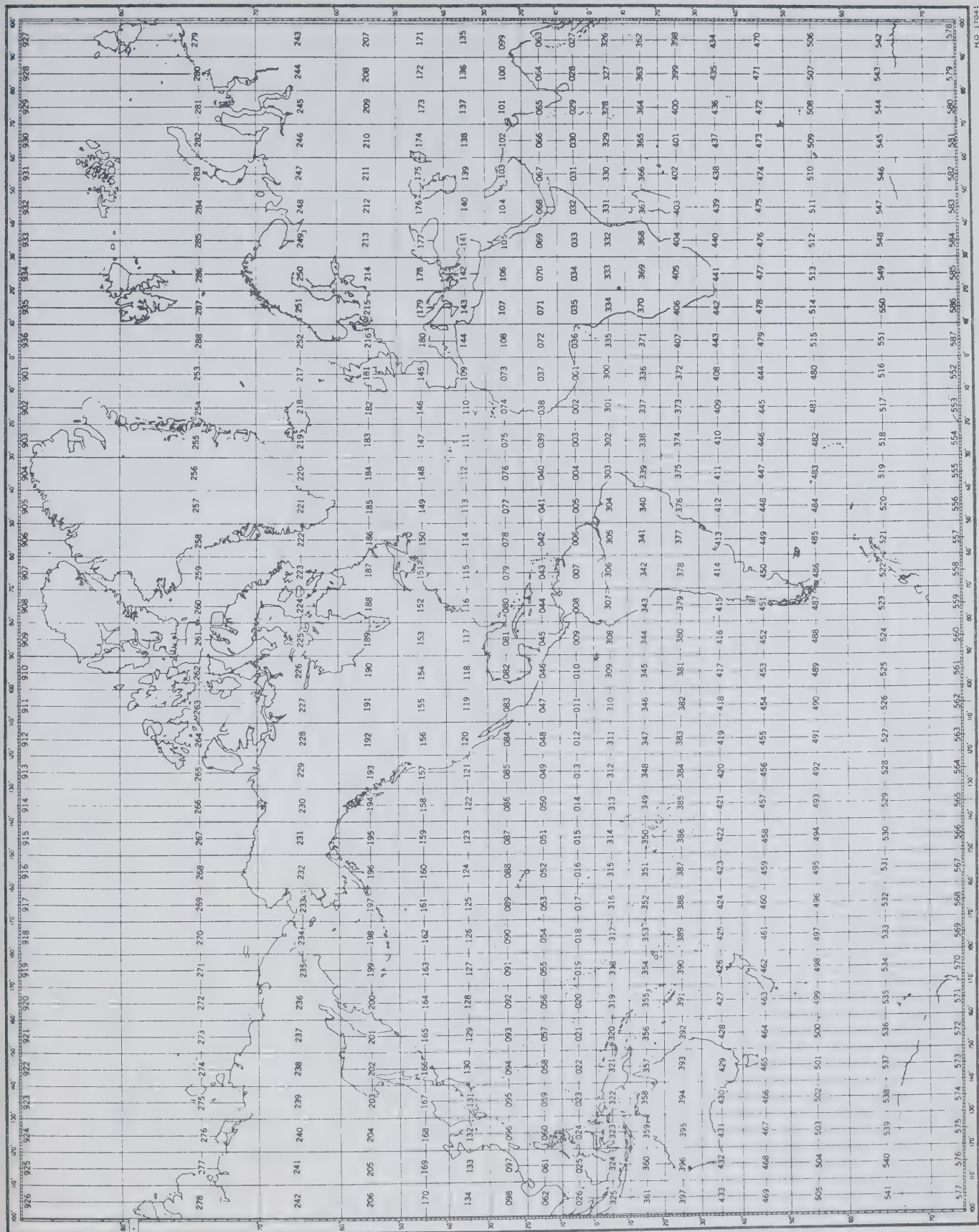
**Table 10. VISIBILITY**

Code	Estimate of hor. Visibility
0	Less than 50 metres (less than 55 yards)
1	50-200 metres (approx. 55-220 yards)
2	200-500 metres (approx. 220-550 yards)
3	500-1,000 metres (approx. 550 yards- $\frac{1}{2}$ n.m.)
4	1-2 km (approx. $\frac{3}{4}$ -1 n.m.)
5	2-4 km (approx. 1-2 n.m.)
6	4-10 km (approx. 2-6 n.m.)
7	10-20 km (approx. 6-12 n.m.)
8	20-50 km (approx. 12-30 n.m.)
9	50 km or more (30 n.m. or more)

Note: n.m. = nautical mile

TABLE 11. INSTITUTE CODE

Code	Institute
01	Marine Ecology Laboratory, Bedford Institute
02	Pacific Oceanographic Group
03	Biological Station, St. Andrews, N.B.
04	Arctic Biological Station, Ste. Anne de Bellevue, P.Q.
05	Biological Station, St. John's Nfld.
06	Station de Biologie Marine, Grande Riviere, P.Q.
07	Marine Sciences Branch, Central Region
08	Defence Research Establishment, Atlantic
09	Defence Research Establishment, Pacific
10	Atlantic Oceanographic Laboratory, Bedford Institute
11	Polar Continental Shelf Project
12	Great Lakes Institute
13	Institute of Oceanography, University of British Columbia
14	Institute of Oceanography, Dalhousie University
15	Marine Sciences Branch, Pacific Region
16	Department of Transport
17	Marine Sciences Centre, McGill University
18	Canadian Forces Maritime Command, East Coast
19	Canadian Forces Maritime Command, West Coast
20	Ontario Water Resources Commission
21	Dept. of National Health and Welfare
22	Inland Waters Branch, Dept. of Energy, Mines and Resources.



MARSDEN SQUARE CHART





OCEANOGRAPHIC DATA CRUISE 006/68

1 - 6 JULY 1968



C-REF-NO 006	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 001	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 001
LAT 49-203N	DAY 02	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-120W	HR 21.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
208	0000	1800	24766		1750	15044
208	0005		24706			
208	0010	1324 B	26873		2010	14919
208	0020	1083 B	28706		2194	14858
208	0030	1015	29008		2228	14839
208	0050	0927 B	29410		2273	14814
208	0075	0838	29768		2314	14789
208	0100	0834	30116		2342	14796
208	0150	0841 B	30516		2372	14812
208	0200		30677			

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1800	24766		1750	15044	0000	00000	10163
0010	1324 B	26873		2010	14918	0089	00004	7656
0020	1083 B	28706		2194	14857	0157	00014	5890
0030	1015	29008		2228	14838	0214	00028	5561
0050	0927 B	29410		2273	14813	0322	00072	5134
0075	0838	29768		2314	14788	0446	00150	4744
0100	0834	30116		2342	14795	0561	00254	4483
0125	0830 B	3035 B		2361	14801	0672	00380	4302
0151	0841 B	30516		2372	14811	0779	00530	4202

C-REF-NO 006	YR 1968	DEPTH 267	WAVES 1	XX	AIR T	VIS
CONS. NO 002	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 002
LAT 49-242N	DAY 02	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-093W	HR 22.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
218	0000	1770	18593	726 B	1287	14964
218	0005	1305 B	24192	685 B	1807	14878
218	0010	1200 B	26776	551 B	2025	14874
218	0020	1044 B	28634	470 B	2195	14842
218	0030	0978	29107	452	2242	14825
218	0050	0839	29460	444	2290	14781
218	0075	0821	29863	459	2324	14783
218	0100	0829	30140	442 B	2345	14794
218	0150	0849 B	30442	412 B	2365	14813
218	0200	0844	30629	372 B	2381	14822
218	0250	0856	30763	324 B	2390	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1770	18593	726 B	1287	14964	0000	00000	14646
0010	1200 B	26776	551 B	2025	14874	0110	00004	7512
0020	1044 B	28634	470 B	2195	14842	0178	00014	5883
0030	0978	29107	452	2242	14825	0234	00028	5432
0050	0839	29460	444	2290	14781	0339	00070	4973
0075	0821	29863	459	2324	14783	0460	00147	4651
0100	0829	30140	442 B	2345	14794	0574	00249	4458
0125	0840	3031 C	427 B	2357	14804	0684	00376	4344
0151	0849 B	30442	412 B	2365	14813	0793	00528	4269
0176	0847 B	30546	393 B	2374	14818	0899	00704	4192
0201	0844	30629	372 B	2381	14822	1003	00905	4129
0226	0849	30704	349 B	2386	14829	1107	01129	4084
0251	0856	30763	324 B	2390	14836	1209	01378	4054



C-REF-NO 006	YR 1968	DEPTH 318	WAVES 1	XX	AIR T	VIS
CONS. NO 003	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STA 003
AT 49-267N	DAY 02	NO.DPTH 12	WND-DIR		WW-CODE	
ON 124-201W	HR 23.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
232	0000	1800 B	24116	666 B	1700	15037
232	0005		25443	682 B		
232	0010	1698 B	24644	687 B	1763	15014
232	0020	1130 B	27918	534 B	2125	14865
232	0030	1010	28941	462 B	2224	14836
232	0050	1025 E	28999	467 B	2226	14846
232	0075	0905	29547	444 B	2287	14812
232	0100	0828	29892	454	2326	14791
232	0150	0842	30289	423 B	2355	14809
232	0200	0842	30542	381 B	2374	14821
232	0250	0862	30749	320 B	2388	14839
232	0300	0866	30797	304 B	2391	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1800 B	24116	666 B	1700	15037	0000	00000	10539
0010	1698 B	24644	687 B	1763	15013	0103	00005	10332
0020	1130 B	27918	534 B	2125	14864	0186	00017	6551
0030	1010	28941	462 B	2224	14835	0247	00032	5633
0050	1025 E	28999	467 B	2226	14845	0359	00078	5557
0075	0905	29547	444 B	2287	14811	0492	00162	5004
0100	0828	29892	454	2326	14790	0613	00269	4642
0125	0835 I	3012 D	443 B	2343	14800	0728	00401	4482
0150	0842	30289	423 B	2355	14809	0839	00557	4372
0176	0842	3042 B	404 B	2365	14814	0947	00737	4273
0201	0842	30542	381 B	2374	14820	1054	00941	4170
0226	0852	3065 B	349 B	2382	14829	1158	01168	4122
0251	0862	30749	320 B	2388	14839	1261	01418	4072
0301	0866	30797	304 B	2391	14849	1465	01993	4050

C-REF-NO 006	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 004	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 004
LAT 49-244N	DAY 03	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-221W	HR 00.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
001	0000	2010 B	25082		1723	15109
001	0005		25020			
001	0010	1278 B	27361		2056	14909
001	0020	1046 B	28637		2195	14844
001	0030	0990	29067		2237	14830
001	0050	0908 B	29505		2284	14808
001	0075	0850	29687		2306	14793
001	0100	0822	30060		2339	14791
001	0150	0843 B	30522		2373	14813
001	0200	0849 F	30680		2384	14825
001	0250	0878	30813		2390	14846
001	0300	0879	30847		2393	14855

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SV4
0000	2010 B	25082		1723	15109	0000	00000	10416
0010	1278 B	27361		2056	14908	0088	00004	7212
0020	1046 B	28637		2195	14843	0154	00013	5885
0030	0990	29067		2237	14829	0211	00023	5480
0050	0908 B	29505		2284	14807	0316	00070	5036
0075	0850	29687		2306	14792	0440	00149	4822
0100	0822	30060		2339	14790	0557	00253	4508
0125	0827 C	30334		2360	14799	0668	00381	4314
0151	0843 B	30522		2373	14812	0775	00531	4200
0176	0845 C	3062 D		2380	14818	0879	00705	4132
0201	0849 F	30680		2384	14825	0983	00903	4098
0226	0864 C	30754		2388	14835	1085	01126	4068
0251	0878	30813		2390	14845	1187	01374	4048
0301	0879	30847		2393	14854	1391	01946	4032

C-REF-NO 006	YR 1968	DEPTH 62	WAVES 1	XX	AIR T	VIS
CONS. NO 005	MONTH 7	MXSAMPD 00	WAVES 2	XX	WET B	STN 077
LAT 49-286N	DAY 03	NO.DPTH 6	WND-DIR		WW-CODE	
LON 124-454W	HR 02.1	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
018	0000	1940 B	24706		1712	15085
018	0005		25336			
018	0010	1406 B	26632		1976	14944
018	0020	1072 B	28487		2179	14851
018	0030	1057	28754		2202	14851
018	0050	1030 B	28855		2214	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1940 B	24706		1712	15085	0000	00000	10525
0010	1406 B	26632		1976	14943	0092	00004	7934
0020	1072 B	28487		2179	14851	0163	00014	6035
0030	1057	28754		2202	14850	0222	00029	5815
0050	1030 B	28855		2214	14845	0338	00076	5702

C-REF-NO 006	YR 1968	DEPTH 22	WAVES 1	XX	AIR T	VIS
CONS. NO 006	MONTH 7	MXSAMPD 00	WAVES 2	XX	WET B	STN 078
LAT 49-397N	DAY 03	NO.DPTH 4	WND-DIR		WW-CODE	
LON 124-558W	HR 03.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
036	0000	2090 B	20838		1383	15084
036	0005	1400 B	26757		1986	14941
036	0010	1292 B	27479		2062	14914
036	0020	1070 B	28604		2188	14851

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	2090 B	20838		1383	15084	0000	00000	13717
0010	1292 B	27479		2062	14914	0104	00004	7150
0020	1070 B	28604		2188	14851	0170	00013	5945



C-REF-NO 006	YR 1968	DEPTH 318	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 005
LAT 49-273N	DAY 03	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-307W	HR 06.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
062	0000	1820 B	24945		1759	15052
062	0005		25040			
062	0010	1252 B	27628		2081	14903
062	0020	1025 B	28852		2215	14839
062	0030	0986	29098		2240	14829
062	0050	0944	29372		2268	14820
062	0075	0826	29728		2313	14784
062	0100	0822	30139		2346	14792
062	0150	0840 C	30510		2372	14812
062	0200	0854 B	30678		2383	14827
062	0250	0866	30784		2390	14841
062	0300	0876	30844		2393	14854

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SWA
0000	1820 B	24945		1759	15052	0000	00000	10075
0010	1252 B	27628		2081	14902	0085	00004	6970
0020	1025 B	28852		2215	14838	0149	00013	5692
0030	0986	29098		2240	14828	0205	00027	5451
0050	0944	29372		2268	14819	0311	00070	5187
0075	0826	29728		2313	14783	0436	00149	4739
0100	0822	30139		2346	14791	0552	00252	4449
0125	0829 B	3032 I		2359	14800	0662	00379	4324
0151	0840 C	30510		2372	14811	0769	00529	4205
0176	0847 B	3061 B		2379	14819	0874	00704	4144
0201	0854 B	30678		2383	14826	0977	00903	4107
0226	0860	30738		2387	14834	1080	01126	4075
0251	0866	30784		2390	14841	1182	01375	4052
0301	0876	30844		2393	14853	1386	01947	4020

C-REF-NO 006	YR 1968	DEPTH 190	WAVES 1	XX	AIR T	VIS
CONS. NO 008	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 006
LAT 49-306N	DAY 03	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-277W	HR 07.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
074	0000	1800 B	25141	653 B	1778	15049
074	0005		25228	680 B		
074	0010	1255 B	27558	571 B	2075	14903
074	0020	1051 B	28626	478 B	2193	14845
074	0030	0992	29037	462 B	2234	14831
074	0050	0933	29376	428 B	2270	14816
074	0075	0849	29784	428 B	2314	14793
074	0100	0823	30141	436 B	2346	14792
074	0150	0839 B	30437	412 B	2367	14810

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1800 B	25141	653 B	1778	15049	0000	00000	9887
0010	1255 B	27558	571 B	2075	14903	0085	00004	7026
0020	1051 B	28626	478 B	2193	14845	0149	00013	5900
0030	0992	29037	462 B	2234	14830	0207	00028	5505
0050	0933	29376	428 B	2270	14815	0314	00071	5168
0075	0849	29784	428 B	2314	14793	0438	00150	4749
0100	0823	30141	436 B	2346	14791	0553	00253	4449
0125	0817	3035 B	429 B	2363	14796	0663	00379	4287
0151	0839 B	30437	412 B	2367	14809	0771	00530	4258

C-REF-NO 006	YR 1968	DEPTH 318	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 005
LAT 49-273N	DAY 03	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-307W	HR 06.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
062	0000	1820 B	24945		1759	15052
062	0005		25040			
062	0010	1252 B	27628		2081	14903
062	0020	1025 B	28852		2215	14839
062	0030	0986	29098		2240	14829
062	0050	0944	29372		2268	14820
062	0075	0826	29728		2313	14784
062	0100	0822	30139		2346	14792
062	0150	0840 C	30510		2372	14812
062	0200	0854 B	30678		2383	14827
062	0250	0866	30784		2390	14841
062	0300	0876	30844		2393	14854

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SWA
0000	1820 B	24945		1759	15052	0000	00000	10075
0010	1252 B	27628		2081	14902	0085	00004	4970
0020	1025 B	28852		2215	14838	0149	00013	5692
0030	0986	29098		2240	14828	0205	00027	5451
0050	0944	29372		2268	14819	0311	00070	5187
0075	0826	29728		2313	14783	0436	00149	4759
0100	0822	30139		2346	14791	0552	00252	4449
0125	0829 B	3032 I		2359	14800	0662	00379	4324
0151	0840 C	30510		2372	14811	0769	00529	4205
0176	0847 B	3061 B		2379	14819	0874	00704	4144
0201	0854 B	30678		2383	14826	0977	00903	4107
0226	0860	30738		2387	14834	1080	01126	4075
0251	0866	30784		2390	14841	1182	01375	4052
0301	0876	30844		2393	14853	1386	01947	4029

C-REF-NO 006	YR 1968	DEPTH 190	WAVES 1	XX	AIR T	VIS
CONS. NO 008	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 006
LAT 49-306N	DAY 03	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-277W	HR 07.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
074	0000	1800 B	25141	653 B	1778	15049
074	0005		25228	680 B		
074	0010	1255 B	27558	571 B	2075	14903
074	0020	1051 B	28626	478 B	2193	14845
074	0030	0992	29037	462 B	2234	14831
074	0050	0933	29376	428 B	2270	14816
074	0075	0849	29784	428 B	2314	14793
074	0100	0823	30141	436 B	2346	14792
074	0150	0839 B	30437	412 B	2367	14810

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1800 B	25141	653 B	1778	15049	0000	00000	9887
0010	1255 B	27558	571 B	2075	14903	0085	00004	7026
0020	1051 B	28626	478 B	2193	14845	0149	00013	5900
0030	0992	29037	462 B	2234	14830	0207	00028	5505
0050	0933	29376	428 B	2270	14815	0314	00071	5168
0075	0849	29784	428 B	2314	14793	0438	00150	4749
0100	0823	30141	436 B	2346	14791	0553	00253	4449
0125	0817	3035 B	429 B	2363	14796	0663	00379	4287
0151	0839 B	30437	412 B	2367	14809	0771	00530	4258



C-REF-NO 006	YR 1968	DEPTH 351	WAVES 1	XX	AIR T	VIS
CONS. NO 009	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 007
LAT 49-344N	DAY 03	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-242W	HR 08.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SO 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
084	0000	1860 B	25068		1759	15066
084	0005		25496			
084	0010	1248 B	27502		2072	14900
084	0020	1035 B	28767		2207	14841
084	0030	0971	29196		2250	14825
084	0050	0889	29563		2291	14802
084	0075	0833	29909		2326	14789
084	0100	0822 B	30107		2343	14791
084	0150	0832 B	30313		2358	14806
084	0200	0839	30514		2373	14819
084	0250	0840	30536		2374	14828
084	0300	0845	30562		2375	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1860 B	25068		1759	15066	0000	00000	10075
0010	1248 B	27502		2072	14899	0086	00004	7056
0020	1035 B	28767		2207	14841	0150	00013	5770
0030	0971	29196		2250	14824	0206	00027	5355
0050	0889	29563		2291	14801	0309	00069	4966
0075	0833	29909		2326	14788	0430	00146	4633
0100	0822 B	30107		2343	14790	0544	00248	4474
0125	0825 B	3022 D		2352	14797	0655	00376	4392
0151	0832 B	30313		2358	14805	0765	00530	4341
0176	0836	3042 C		2366	14812	0873	00709	4266
0201	0839	30514		2373	14819	0980	00914	4208
0226	0840	3053 C		2374	14823	1085	01143	4196
0251	0840	30536		2374	14827	1191	01400	4199
0301	0845	30562		2375	14838	1402	01994	4194

C-REF-NO 006	YR 1968	DEPTH 333	WAVES 1	XX	AIR T	VIS
CONS. NO 010	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 008
LAT 49-394N	DAY 03	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-329W	HR 09.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
096	0000	1890 B	25027		1748	15074
096	0005		25091			
096	0010	1243 B	27351		2062	14897
096	0020	1095 B	28331		2163	14858
096	0030	1051	28627		2193	14847
096	0050	0959	29212		2253	14824
096	0075	0887	29625		2296	14806
096	0100	0830	29893		2325	14792
096	0150	0822 B	30081		2341	14799
096	0200	0835 E	30366		2362	14816
096	0250	0838	30475		2370	14827
096	0300	0840	30514		2372	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1890 B	25027		1748	15074	0000	00000	10174
0010	1243 B	27351		2062	14896	0087	00004	7159
0020	1095 B	28331		2163	14857	0153	00014	6189
0030	1051	28627		2193	14846	0214	00029	5900
0050	0959	29212		2253	14823	0327	00074	5329
0075	0887	29625		2296	14805	0455	00156	4920
0100	0830	29893		2325	14791	0575	00263	4644
0125	0816 C	2998 I		2335	14791	0691	00396	4557
0151	0822 B	30081		2341	14798	0805	00555	4499
0176	0828 C	3022 D		2352	14807	0916	00741	4401
0201	0835 E	30366		2362	14815	1026	00951	4312
0226	0837 C	3043 B		2367	14821	1134	01185	4266
0251	0838	30475		2370	14826	1240	01445	4241
0301	0840	30514		2372	14835	1453	02044	4221

C-REF-NO 006	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 011	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 009
LAT 49-355N	DAY 03	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-384W	HR 10.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
106	0000	1760 B	24715	641 B	1755	15032
106	0005		24651	671 B		
106	0010	1414 B	26369	593 B	1954	14943
106	0020	1071 B	28495	502 B	2180	14851
106	0030	0994	29018	474	2233	14831
106	0050	0903	29502	430 B	2284	14806
106	0075	0827	29904	422 B	2327	14787
106	0100	0823	30154	409 B	2347	14792
106	0150	0841 B	30445	358 B	2367	14811

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1760 B	24715	641 B	1755	15032	0000	00000	10112
0010	1414 B	26369	593 B	1954	14942	0091	00004	8193
0020	1071 B	28495	502 B	2180	14850	0163	00015	6028
0030	0994	29018	474	2233	14830	0221	00029	5522
0050	0903	29502	430 B	2284	14806	0326	00072	5032
0075	0827	29904	422 B	2327	14786	0448	00149	4628
0100	0823	30154	409 B	2347	14791	0562	00250	4440
0125	0824 B	30339	387 B	2361	14798	0671	00376	4306
0151	0841 B	30445	358 B	2367	14810	0779	00527	4255

C-REF-NO 006	YR 1968	DEPTH 95	WAVES 1	XX	AIR T	VIS
CONS. NO 012	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 010
LAT 49-408N	DAY 03	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-473W	HR 11.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
117	0000	1760 B	24860		1766	15033
117	0005		24884			
117	0010	1097 B	28319		2162	14857
117	0020	1017 B	28867		2217	14836
117	0030	0976	29069		2239	14825
117	0050	0930	29426		2274	14816
117	0075	0847	29802		2316	14793

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1760 B	24860		1766	15033	0000	00000	10005
0010	1097 B	28319		2162	14856	0081	00003	6199
0020	1017 B	28867		2217	14835	0141	00012	5668
0030	0976	29069		2239	14824	0196	00026	5457
0050	0930	29426		2274	14815	0303	00069	5127
0075	0847	29802		2316	14792	0426	00148	4732



C-REF-NO 006	YR 1968	DEPTH 304	WAVES 1	XX	AIR T	VIS
CONS. NO 013	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 011
LAT 49-425N	DAY 03	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-435W	HR 12.6	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
126	0000	1650 B	25324		1825	15005
126	0005		25514			
126	0010	1297 B	27092		2032	14912
126	0020	1041 B	28622		2194	14842
126	0030	0946	29236		2257	14816
126	0050	0895	29549		2289	14804
126	0075	0836	29774		2315	14788
126	0100	0823	30125		2344	14792
126	0150	0835	30415		2365	14808
126	0200	0839	30500		2371	14819
126	0250	0842	30544		2374	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1650 B	25324		1825	15005	0000	00000	9430
0010	1297 B	27092		2032	14911	0084	00004	7445
0020	1041 B	28622		2194	14841	0151	00014	5897
0030	0946	29236		2257	14815	0207	00028	5289
0050	0895	29549		2289	14803	0310	00070	4985
0075	0836	29774		2315	14788	0432	00147	4738
0100	0823	30125		2344	14791	0548	00250	4462
0125	0826 B	3027 I		2355	14798	0659	00377	4351
0151	0835	30415		2365	14808	0767	00530	4269
0176	0838	3047 B		2370	14813	0874	00707	4233
0201	0839	30500		2371	14818	0980	00911	4218
0226	0841	30531		2374	14824	1086	01141	4201
0251	0842	30544		2374	14828	1191	01398	4176

C-REF-NO 006	YR 1968	DEPTH 347	WAVES 1	XX	AIR T	VIS
CONS. NO 014	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 012
LAT 49-435N	DAY 03	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-405W	HR 13.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SO 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
133	C000	1720 B	24992	688 B	1785	15023
133	0005		25351	708 B		
133	0010	1313 B	26989	608 B	2021	14916
133	0020	1029 B	28526	477 B	2189	14836
133	0030	0953	29168	456 B	2251	14818
133	0050	0888	29583	428 B	2293	14802
133	0075	0834	29817	444	2319	14788
133	0100	0823	30181	435 B	2349	14793
133	0150	0836	30438	404 B	2367	14809
133	0200	0839 B	30504	388 B	2372	14819
133	0250	0841	30529	377 B	2373	14829
133	0300	0844 B	30556	367 B	2375	14838

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1720 B	24992	688 B	1785	15023	0000	00000	9822
0010	1313 B	26989	608 B	2021	14916	0087	00004	7550
0020	1029 B	28526	477 B	2189	14835	0154	00014	5940
0030	0953	29168	456 B	2251	14817	0211	00028	5350
0050	0888	29583	428 B	2293	14801	0314	00070	4950
0075	0834	29817	444	2319	14787	0436	00147	4703
0100	0823	30181	435 B	2349	14792	0550	00249	4421
0125	0827	3030 I	420 B	2358	14799	0660	00375	4332
0151	0836	30438	404 B	2367	14808	0768	00527	4252
0176	0838	3048 B	395 B	2370	14814	0874	00704	4225
0201	0839 B	30504	388 B	2372	14818	0980	00907	4215
0226	0840	30519	382 B	2373	14823	1086	01137	4208
0251	0841	30529	377 B	2373	14828	1192	01395	4205
0301	0844 B	30556	367 B	2375	14837	1403	01989	4197

C-REF-NO 006	YR 1968	DEPTH 225	WAVES 1	XX	AIR T	VIS
CONS. NO 015	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 013
LAT 49-553N	DAY 03	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-553W	HR 15.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
151	0000	1650 B	25618		1848	15008
151	0005		25706			
151	0010	1301 B	26770		2006	14910
151	0020	0964 B	28892		2227	14817
151	0030	0948	29251		2258	14817
151	0050	0859	29725		2308	14792
151	0075	0825	29873		2324	14785
151	0100	0816	30039		2339	14788
151	0150	0834	30386		2363	14808
151	0200	0836	30476		2370	14818

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1650 B	25618		1848	15008	0000	00000	9214
0010	1301 B	26770		2006	14909	0085	00004	7690
0020	0964 B	28892		2227	14816	0151	00014	5571
0030	0948	29251		2258	14816	0205	00027	5280
0050	0859	29725		2308	14792	0307	00068	4802
0075	0825	29873		2324	14785	0425	00144	4649
0100	0816	30039		2339	14787	0540	00246	4517
0125	0823 B	3022 D		2352	14796	0652	00375	4389
0151	0834	30386		2363	14807	0761	00528	4289
0176	0836	30460		2369	14813	0868	00706	4240
0201	0836	30476		2370	14817	0975	00910	4231

C-REF-NO 006	YR 1968	DEPTH 296	WAVES 1	XX	AIR T	VIS
CONS. NO 016	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 014
LAT 49-529N	DAY 03	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-594W	HR 16.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
161	0000	1640 B	26040		1882	15010
161	0005	1245 B	27287	661 B	2056	14895
161	0010	1090 B	28468	503 B	2174	14855
161	0020	0994 B	29096	467 B	2239	14830
161	0030	0983	29225	488 B	2250	14829
161	0050	0933	29471	456 B	2277	14816
161	0075	0815	30027	437 B	2338	14783
161	0100	0819	30215	423 B	2352	14791
161	0150	0838 B	30432	394 B	2366	14809
161	0200	0841	30510	386 B	2372	14819
161	0250	0844	30550	372 B	2375	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1640 B	26040		1882	15010	0000	00000	8883
0010	1090 B	28468	503 B	2174	14855	0075	00003	6078
0020	0994 B	29096	467 B	2239	14830	0133	00012	5464
0030	0983	29225	488 B	2250	14829	0187	00026	5351
0050	0933	29471	456 B	2277	14816	0292	00068	5098
0075	0815	30027	437 B	2338	14783	0413	00144	4521
0100	0819	30215	423 B	2352	14791	0524	00244	4389
0125	0829	30345	407 B	2361	14800	0634	00370	4308
0151	0838 B	30432	394 B	2366	14809	0741	00521	4260
0176	0840	3048 B	389 B	2370	14815	0848	00699	4230
0201	0841	30510	386 B	2372	14819	0954	00902	4213
0226	0843	30537	379 B	2374	14824	1060	01132	4200
0251	0844	30550	372 B	2375	14829	1165	01389	4195



C-REF-NO 006	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 017	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 015
LAT 49-516N	DAY 03	NO.DPTH 8	WND-DIR		WW-CODE	
LON 125-016W	HR 16.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
167	0000	1660 B	26023		1877	15016
167	0005	1458 B	26840		1981	14962
167	0010	1149 B	28322		2153	14875
167	0020	1004 B	29057		2234	14833
167	0030	0974	29275		2256	14826
167	0050	0911	29589		2290	14810
167	0075	0843	30124		2341	14795
167	0100	0831	30296		2357	14796

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1660 B	26023		1877	15016	0000	00000	8937
0010	1149 B	28322		2153	14875	0076	00003	6282
0020	1004 B	29057		2234	14833	0135	00012	5507
0030	0974	29275		2256	14826	0189	00026	5301
0050	0911	29589		2290	14810	0293	00068	4974
0075	0843	30124		2341	14795	0411	00143	4436
0100	0831	30296		2357	14796	0522	00242	4345

C-REF-NO 006	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 018	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 016
LAT 49-571N	DAY 03	NO.DPTH 9	WND-DIR		WW-CODE	
LON 125-074W	HR 17.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
177	0000	1870 B	25995	679 B	1827	15079
177	0005	1302 B	27707	590 B	2078	14920
177	0010	1213 B	28077	550 B	2123	14894
177	0020	1069 B	28775	514 B	2202	14853
177	0030	1004	29079	493 B	2236	14835
177	0050	0922	29574	452 B	2287	14814
177	0075	0901	29650	446 B	2296	14811
177	0100	0844	29950	428 B	2328	14797
177	0150	0825 B	30220	419 B	2352	14801

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1870 B	25995	679 B	1827	15079	0000	00000	9419
0010	1213 B	28077	550 B	2123	14894	0080	00003	6570
0020	1069 B	28775	514 B	2202	14853	0142	00013	5818
0030	1004	29079	493 B	2236	14835	0199	00027	5492
0050	0922	29574	452 B	2287	14814	0304	00070	5005
0075	0901	29650	446 B	2296	14811	0429	00149	4922
0100	0844	29950	428 B	2328	14797	0548	00256	4621
0125	0823 B	3008 I	420 B	2341	14795	0663	00387	4494
0151	0825 B	30220	419 B	2352	14801	0775	00544	4400

C-REF-NO 006	YR 1968	DEPTH 252	WAVES 1	XX	AIR T	VIS
CONS. NO 019	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 017
LAT 49-588N	DAY 03	NO.DPTH 10	WND-DIR		WW-CODE	
LON 125-043W	HR 18.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
185	0000	1920 B	24900		1732	15081
185	0005		26072			
185	0010	1229 B	27631		2086	14895
185	0020	1009 B	28720		2207	14831
185	0030	0996	28954		2227	14831
185	0050	0902 B	29422		2278	14805
185	0075	0848	29766		2313	14793
185	0100	0820	30197		2350	14792
185	0150	0832 B	30361		2362	14807
185	0200	0835	30472		2370	14817

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1920 B	24900		1732	15081	0000	00000	10337
0010	1229 B	27631		2086	14894	0086	00004	6927
0020	1009 B	28720		2207	14830	0150	00013	5766
0030	0996	28954		2227	14830	0207	00027	5573
0050	0902 B	29422		2278	14804	0314	00071	5090
0075	0848	29766		2313	14792	0437	00149	4761
0100	0820	30197		2350	14791	0552	00251	4404
0125	0821 B	3027 I		2357	14796	0662	00378	4347
0151	0832 B	30361		2362	14806	0771	00531	4304
0176	0833 B	3043 C		2367	14811	0878	00709	4256
0201	0835	30472		2370	14817	0985	00914	4233

C-REF-NO 006	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 020	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 018
LAT 49-591N	DAY 03	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-589W	HR 19.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
190	0000	2030 B	23599		1606	15098
190	0005	1579 B	25791		1876	14988
190	0010	1195 B	27515		2083	14881
190	0020	1017 B	28584		2195	14832
190	0030	0945	29012		2240	14812
190	0050	0882	29597		2295	14799
190	0075	0844	29874		2322	14792
190	0100	0826	30061		2339	14791

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	2030 B	23599		1606	15098	0000	00000	11549
0010	1195 B	27515		2083	14881	0092	00004	6956
0020	1017 B	28584		2195	14832	0157	00013	5879
0030	0945	29012		2240	14812	0214	00027	5454
0050	0882	29597		2295	14799	0318	00070	4931
0075	0844	29874		2322	14792	0438	00146	4674
0100	0826	30061		2339	14791	0554	00249	4513



C-REF-NO 006	YR 1968	DEPTH 271	WAVES 1	XX	AIR T	VIS
CONS. NO 021	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 019
LAT 50-012N	DAY 03	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-528W	HR 19.9	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO		CLO-AMT	PW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
199	0000	1840 B	24683		1734	15055
199	0005	1687 B	24835		1780	15011
199	0010	1451 B	25864		1908	14948
199	0020	1002 B	28493		2191	14825
199	0030	0943	28957		2236	14810
199	0050	0884	29566		2292	14799
199	0075	0845 B	29941		2327	14793
199	0100	0846	30112		2340	14800
199	0150	0870 B	30409		2360	14821
199	0200	0872 B	30491		2366	14831
199	0250	0876	30536		2369	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1840 B	24683		1734	15055	0000	00000	10313
0010	1451 B	25864		1908	14948	0095	00004	8635
0020	1002 B	28493		2191	14825	0168	00015	5923
0030	0943	28957		2236	14810	0225	00029	5492
0050	0884	29566		2292	14799	0330	00072	4957
0075	0845 B	29941		2327	14793	0450	00148	4625
0100	0846	30112		2340	14800	0564	00250	4503
0125	0858 B	3027 B		2351	14810	0676	00379	4399
0151	0870 B	30409		2360	14821	0786	00533	4323
0176	0872 B	3046 C		2364	14827	0894	00712	4287
0201	0872 B	30491		2366	14831	1001	00919	4271
0226	0874	30522		2368	14836	1109	01152	4255
0251	0876	30536		2369	14841	1215	01411	4250

C-REF-NO 006	YR 1968	DEPTH 278	WAVES 1	XX	AIR T	VIS
CONS. NO 022	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 020
LAT 49-473N	DAY 03	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-324W	HR 22.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
222	0000	2220 B	20417	724 B	1318	15116
222	0005	1526 B	24236	734 B	1768	14953
222	0010	1227 B	26901	548 B	2030	14885
222	0020	1029 B	28749	464 B	2206	14838
222	0030	0938	29197	423 B	2255	14812
222	0050	0849	29632	409	2302	14787
222	0075	0808 B	29842	446	2324	14778
222	0100	0814	30098	430 B	2344	14787
222	0150	0856	30463	361 B	2366	14816
222	0200	0880 B	30683	283 B	2380	14836
222	0250	0884	30814	252 B	2389	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	2220 B	20417	724 B	1318	15116	0000	00000	14349
0010	1227 B	26901	548 B	2030	14885	0109	00004	7465
0020	1029 B	28749	464 B	2206	14838	0175	00013	5775
0030	0938	29197	423 B	2255	14812	0231	00028	5306
0050	0849	29632	409	2302	14787	0333	00069	4858
0075	0808 B	29842	446	2324	14778	0452	00145	4649
0100	0814	30098	430 B	2344	14787	0566	00247	4469
0125	0834 B	30302	399 B	2357	14802	0677	00374	4347
0151	0856	30463	361 B	2366	14816	0785	00526	4262
0176	0870	30588	320 B	2374	14827	0892	00702	4194
0201	0880 B	30683	283 B	2380	14836	0996	00903	4141
0226	0884	30761	263 B	2385	14843	1100	01128	4093
0251	0884	30814	252 B	2389	14848	1202	01377	4057

C-REF-NO 006	YR 1968	DEPTH 340	WAVES 1	XX	AIR T	VIS
CONS. NO 023	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 021
LAT 49-440N	DAY 03	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-220W	HR 23.4	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
234	0000	2030 B	20926		1404	15068
234	0005	1775 B	21666		1520	15002
234	0010	1371 B	25240		1876	14914
234	0020	1032 B	28489		2185	14836
234	0030	0952	29236		2256	14817
234	0050	0846	29541		2296	14784
234	0075	0811 B	29801		2321	14778
234	0100	0813	30041		2339	14786
234	0150	0840	30391		2363	14809
234	0200	0852 B	30622		2379	14825
234	0250	0875	30796		2389	14844
234	0300	0870 B	30832		2393	14851

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	2030 B	20926		1404	15068	0000	00000	13508
0010	1371 B	25240		1876	14914	0112	00005	8948
0020	1032 B	28489		2185	14836	0187	00015	5972
0030	0952	29236		2256	14817	0243	00029	5297
0050	0846	29541		2296	14784	0346	00071	4923
0075	0811 B	29801		2321	14778	0466	00147	4684
0100	0813	30041		2339	14786	0582	00250	4511
0125	0826	30234		2353	14798	0693	00379	4387
0151	0840	30391		2363	14809	0802	00532	4294
0176	0846	30517		2372	14817	0909	00709	4212
0201	0852 B	30622		2379	14825	1014	00911	4145
0226	0865 B	30721		2385	14835	1118	01136	4093
0251	0875	30796		2389	14844	1220	01385	4057
0301	0870 B	30832		2393	14851	1424	01957	4030

C-REF-NO 006	YR 1968	DEPTH 340	WAVES 1	XX	AIR T	VIS
CONS. NO 024	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 022
LAT 49-402N	DAY 04	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-163W	HR 00.5	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SCUND
005	0000	2130 B	19938		1305	15085
005	0005		23445			
005	0010	1214 B	25918		1956	14869
005	0020	0977 B	28404		2188	14815
005	0030	0912 B	29192		2259	14803
005	0050	0820 B	29551		2300	14775
005	0075	0828 B	29789		2317	14785
005	0100	0817 B	30069		2341	14789
005	0150	0849 B	30467		2367	14814
005	0200	0860 B	30632		2379	14829
005	0250	0872	30787		2389	14844
005	0300	0868 B	30833		2393	14851

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	2130 B	19938		1305	15085	0000	00000	14476
0010	1214 B	25918		1956	14868	0113	00004	8172
0020	0977 B	28404		2188	14815	0184	00014	5953
0030	0912 B	29192		2259	14802	0240	00029	5272
0050	0820 B	29551		2300	14774	0342	00070	4880
0075	0828 B	29789		2317	14785	0462	00146	4716
0100	0817 B	30069		2341	14788	0578	00249	4495
0125	0830 C	30296		2357	14800	0689	00377	4346
0151	0849 B	30467		2367	14814	0797	00529	4250
0176	0856 B	3056 C		2374	14822	0903	00705	4190
0201	0860 B	30632		2379	14828	1008	00906	4149
0226	0867	3071 B		2384	14836	1111	01131	4100
0251	0872	30787		2389	14843	1214	01380	4059
0301	0868 B	30833		2393	14850	1417	01952	4026



C-REF-NO 006	YR 1968	DEPTH 421	WAVES 1	XX	AIR T	VIS
CONS. NO 025	MONTH 7	MXSAMPD 04	WAVES 2	XX	WET B	STN 023
LAT 49-350N	DAY 04	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-098W	HR 01.6	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
016	0000	2360 B	19143		1185	15139
016	0005	1474 B	24803		1822	14943
016	0010	1308 B	25927		1940	14901
016	0020	0963 B	28786		2219	14814
016	0030	0927	29260		2262	14808
016	0050	0841	29604		2301	14783
016	0075	0834 B	29896		2325	14788
016	0100	0834	30111		2342	14795
016	0150	0848 B	30447		2366	14813
016	0200	0856 B	30653		2381	14827
016	0250	0861	30776		2390	14839
016	0300	0857	30835		2395	14846
016	0400		30854			

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	2360 B	19143		1185	15139	0000	00000	15647
0010	1308 B	25927		1940	14901	0119	00004	3327
0020	0963 B	28786		2219	14814	0189	00014	5648
0030	0927	29260		2262	14808	0244	00028	5243
0050	0841	29604		2301	14783	0346	00069	4868
0075	0834 B	29896		2325	14788	0465	00145	4644
0100	0834	30111		2342	14795	0579	00247	4487
0125	0840	30295		2355	14804	0691	00375	4362
0151	0848 B	30447		2366	14813	0799	00527	4263
0176	0853 B	30563		2374	14820	0905	00703	4186
0201	0856 B	30653		2381	14827	1010	00904	4129
0226	0859	30724		2386	14833	1113	01128	4084
0251	0861	30776		2390	14839	1215	01377	4051
0301	0857	30835		2395	14846	1418	01947	4008

C-REF-NO 006	YR 1968	DEPTH 417	WAVES 1	XX	AIR T	VIS
CONS. NO 026	MONTH 7	MXSAMPD 04	WAVES 2	XX	WET B	STN 024
LAT 49-303N	DAY 04	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-060W	HR 02.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
027	0000	2340 B	15095	683 B	0887	15090
027	0005	1524 B	22292	745 B	1620	14929
027	0010	1115 B	26738	514 B	2036	14843
027	0020	1030 B	28657	473 B	2199	14837
027	0030	0905	29190	455 B	2260	14799
027	0050	0837	29570	449 B	2299	14781
027	0075	0829 B	29868	448 B	2323	14786
027	0100	0835	30101	438 B	2341	14795
027	0150	0841 B	30433	388 B	2366	14810
027	0200	0855 B	30645	338 B	2380	14826
027	0250	0857 B	30786	325 B	2391	14837
027	0300	0860 B	30824	320 B	2394	14847
027	0400	0849 B	30857	331 B	2398	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	2340 B	15095	683 B	0887	15090	0000	00000	13569
0010	1115 B	26738	514 B	2036	14843	0129	00004	7401
0020	1030 B	28657	473 B	2199	14837	0196	00013	5844
0030	0905	29190	455 B	2260	14799	0251	00027	5264
0050	0837	29570	449 B	2299	14781	0353	00069	4888
0075	0829 B	29868	448 B	2323	14786	0473	00145	4658
0100	0835	30101	438 B	2341	14795	0588	00247	4496
0125	0838	30286	415 B	2355	14803	0699	00375	4366
0151	0841 B	30433	388 B	2366	14810	0808	00527	4264
0176	0848 B	30551	361 B	2374	14819	0914	00704	4190
0201	0855 B	30645	338 B	2380	14826	1018	00904	4133
0226	0857 B	30726	329 B	2387	14832	1122	01129	4078
0251	0857 B	30786	325 B	2391	14837	1224	01377	4038
0301	0860 B	30824	320 B	2394	14847	1426	01947	4022
0402	0849 B	30857	331 B	2398	14860	1829	03392	3994

C-REF-NO 006	YR 1968	DEPTH 304	WAVES 1	XX	AIR T	VIS
CONS. NO 027	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 025
LAT 49-275N	DAY 04	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-075W	HR 03.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
035	0000	2160 B	13720		0829	15026
035	0005	1451	22465		1648	14907
035	0010	1274 B	26314		1976	14894
035	0020	0952 B				
035	0030	0894	29365		2275	14799
035	0050	0836	29606		2302	14783
035	0075	0827 B	29925		2328	14788
035	0100	0840	30154		2344	14800
035	0150	0839 B	30420		2365	14811
035	0200	0841	30641		2382	14823
035	0250	0858	30787		2391	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	2160 B	13720		0829	15026	0000	00000	19136
0010	1274 B	26314		1976	14894	0135	00004	7980
0020	0952 B	2783 I		2147	14798	0207	00015	6336
0030	0894	29365		2275	14797	0264	00029	5118
0050	0836	29606		2302	14781	0364	00069	4860
0075	0827 B	29925		2328	14786	0483	00145	4613
0100	0840	30154		2344	14798	0597	00247	4463
0125	0842 B	3030 C		2356	14805	0708	00374	4355
0151	0839 B	30420		2365	14809	0816	00526	4271
0176	0839	30538		2374	14815	0922	00702	4187
0201	0841	30641		2382	14821	1027	00902	4116
0226	0848	30723		2388	14829	1129	01126	4017
0251	0858	30787		2391	14838	1231	01374	4038



C-REF-NO 006	YR 1968	DEPTH 256	WAVES 1	XX	AIR T	VIS
CONS. NO 028	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 026
LAT 49-143N	DAY 04	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-508W	HR 05.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
056	0000	2110 B	16396		1043	15041
056	0005	1722 B	24368		1737	15017
056	0010	1221 B	26819		2024	14882
056	0020	1041 B	28773		2206	14843
056	0030	1015	29000		2228	14838
056	0050	0861	29396		2282	14788
056	0075	0816	29789		2319	14780
056	0100	0846	30115		2340	14800
056	0150	0841 B	30486		2370	14811
056	0200	0845	30654		2383	14823
056	0250	0854	30756		2389	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	2110 B	16396		1043	15041	0000	00000	17036
0010	1221 B	26819		2024	14882	0122	00004	7516
0020	1041 B	28773		2206	14843	0189	00014	5775
0030	1015	29000		2228	14838	0246	00028	5568
0050	0861	29396		2282	14788	0352	00071	5050
0075	0816	29789		2319	14780	0475	00148	4699
0100	0846	30115		2340	14800	0590	00251	4501
0125	0848 B	3033 C		2357	14808	0701	00379	4343
0151	0841 B	30486		2370	14811	0809	00530	4225
0176	0842	3058 B		2378	14817	0914	00705	4155
0201	0845	30654		2383	14823	1018	00904	4112
0226	0849	30716		2387	14829	1121	01128	4075
0251	0854	30756		2389	14836	1223	01376	4056



C-REF-NO 006	YR 1968	DEPTH 344	WAVES 1	XX	AIR T	VIS
CONS. NO 029	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 027
LAT 49-190N	DAY 04	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-482W	HR 06.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
065	0000	2210 B	14564	669 B	0880	15049
065	0005	1501 B	24757	724 B	1813	14951
065	0010	1068 B	27865	505 B	2131	14840
065	0020	1070 B	28977	459 B	2217	14856
065	0030	0891	29303	459 B	2270	14795
065	0050	0839	29624	452 B	2303	14783
065	0075	0843 B	29969	455 B	2329	14793
065	0100	0853	30209	440 B	2347	14804
065	0150	0847 B	30480	410 B	2369	14813
065	0200	0842	30652	393 B	2383	14822
065	0250	0842	30728	382 B	2389	14831
065	0300	0851	30795	380 B	2393	14843

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	2210 B	14564	669 B	0880	15049	0000	00000	18632
0010	1068 B	27865	505 B	2131	14840	0125	00003	6491
0020	1070 B	28977	459 B	2217	14856	0186	00012	5669
0030	0891	29303	459 B	2270	14795	0240	00026	5160
0050	0839	29624	452 B	2303	14783	0341	00067	4851
0075	0843 B	29969	455 B	2329	14793	0459	00142	4602
0100	0853	30209	440 B	2347	14804	0573	00243	4441
0125	0852 B	3036 C	424 B	2359	14809	0683	00370	4324
0151	0847 B	30480	410 B	2369	14813	0791	00521	4238
0176	0844	30578	400 B	2377	14817	0896	00696	4164
0201	0842	30652	393 B	2383	14822	1000	00896	4109
0226	0841	30697	387 B	2386	14826	1103	01117	4078
0251	0842	30728	382 B	2389	14831	1205	01368	4059
0301	0851	30795	380 B	2393	14843	1409	01940	4030

C-REF-NO 006	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 030	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 028
LAT 49-241N	DAY 04	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-452W	HR 07.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
075	0000	2130 B	15839		0996	15040
075	0005	1371	24983		1856	14910
075	0010	1105 B	27975		2134	14855
075	0020	0965 B	28928		2230	14817
075	0030	0908	29222		2262	14801
075	0050	0869	29664		2302	14795
075	0075	0851	29959		2327	14796
075	0100	0850	30163		2344	14802

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	2130 B	15839		0996	15040	0000	00000	17495
0010	1105 B	27975		2134	14855	0119	00003	6467
0020	0965 B	28928		2230	14817	0180	00012	5545
0030	0908	29222		2262	14801	0234	00026	5245
0050	0869	29664		2302	14795	0335	00067	4862
0075	0851	29959		2327	14796	0454	00143	4620
0100	0850	30163		2344	14802	0568	00244	4471

C-REF-NO 006	YR 1968	DEPTH 318	WAVES 1	XX	AIR T	VIS
CONS. NO 031	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 079
LAT 49-174N	DAY 04	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-350W	HR 08.8	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
088	0000	1990 B	09751		0569	14933
088	0005	1686 B	22820		1627	14987
088	0010	1481 B	25345		1862	14952
088	0020	1025 B	28439		2183	14833
088	0030	0877	29191		2264	14788
088	0050	0824	29603		2304	14777
088	0075	0823 B	29866		2324	14784
088	0100	0875	30280		2349	14813
088	0150	0877 B	30612		2375	14826
088	0200	0848	30723		2388	14825
088	0250	0854	30793		2392	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1990 B	09751		0569	14933	0000	00000	21699
0010	1481 B	25345		1862	14952	0153	00005	9076
0020	1025 B	28439		2183	14833	0228	00015	5998
0030	0877	29191		2264	14788	0285	00029	5223
0050	0824	29603		2304	14777	0386	00070	4847
0075	0823 B	29866		2324	14784	0505	00146	4652
0100	0875	30280		2349	14813	0619	00247	4418
0125	0886 C	3044 I		2360	14824	0728	00373	4315
0150	0877 B	30612		2375	14826	0835	00523	4182
0176	0862 B	3068 C		2382	14826	0939	00696	4111
0201	0848	30723		2388	14825	1042	00893	4064
0226	0848	30767		2391	14829	1144	01114	4036
0251	0854	30793		2392	14836	1245	01361	4028

C-REF-NO 006	YR 1968	DEPTH 245	WAVES 1	XX	AIR T	VIS
CONS. NO 032	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 022
LAT 49-236N	DAY 04	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-252W	HR 10.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
101	0000	1680 B	12656	792 B	0854	14868
101	0005	1468	19772	658 B	1438	14881
101	0010	1197 B	25827	535 B	1952	14861
101	0020	0932 B	28388	464 B	2193	14797
101	0030	0857	28980	461 B	2250	14778
101	0050	0827	29510	457 B	2296	14777
101	0075	0827	29842	443 B	2322	14785
101	0100	0843	30118	435 B	2341	14790
101	0150	0839	30494	365	2371	14810

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1680 B	12656	792 B	0854	14868	0000	00000	13885
0010	1197 B	25827	535 B	1952	14861	0135	00004	3210
0020	0932 B	28388	464 B	2193	14797	0205	00014	5898
0030	0857	28980	461 B	2250	14778	0262	00029	5353
0050	0827	29510	457 B	2296	14777	0365	00070	4919
0075	0827	29842	443 B	2322	14785	0485	00147	4675
0100	0843	30118	435 B	2341	14799	0600	00249	4494
0125	0845	30335	407 B	2358	14806	0711	00377	4340
0150	0839	30494	365	2371	14810	0819	00527	4215



C-REF-NO 006	YR 1968	DEPTH 245	WAVES 1	XX	AIR T	VIS
CONS. NO 033	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 030
LAT 49-253N	DAY 04	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-223W	HR 10.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
108	0000	1610 B	12380		0847	14842
108	0005	1540 B	20274		1463	14911
108	0010	1134 B	25858		1965	14839
108	0020	0908 B	28576		2211	14791
108	0030	0892	28998		2247	14792
108	0050	0823	29480		2294	14775
108	0075	0829	29814		2319	14785
108	0100	0837	30135		2343	14797
108	0150	0838	30530		2374	14810
108	0200	0838	30658		2384	14820

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1610 B	12380		0847	14842	0000	00000	18959
0010	1134 B	25858		1965	14839	0135	00004	3085
0020	0908 B	28576		2211	14791	0204	00014	5724
0030	0892	28998		2247	14792	0259	00028	5388
0050	0823	29480		2294	14775	0363	00070	4936
0075	0829	29814		2319	14785	0484	00147	4699
0100	0837	30135		2343	14797	0599	00249	4474
0125	0839	30370		2361	14804	0709	00376	4304
0151	0838	30530		2374	14810	0816	00526	4187
0176	0838	30628		2382	14816	0920	00699	4119
0201	0838	30658		2384	14820	1024	00897	4099

C-REF-NO 006	YR 1968	DEPTH 227	WAVES 1	XX	AIR T	VIS
CONS. NO 034	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 031
LAT 49-315N	DAY 04	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-270W	HR 12.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
121	0000	1860 B	09206	708 B	0556	14887
121	0005	1408	15703	619 B	1137	14812
121	0010	1064 B	25804	486 B	1972	14812
121	0020	0913 B	28302	466 B	2189	14789
121	0030	0853	29052	472 B	2256	14777
121	0050	0807	29418	460 B	2291	14768
121	0075	0799	29755	446	2319	14773
121	0100	0816	30144	430 B	2347	14789
121	0150	0850 B	30555	331	2374	14815
121	0200	0836	30659	350 B	2384	14819

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1860 B	09206	708 B	0556	14887	0000	00000	21831
0010	1064 B	25804	486 B	1972	14812	0148	00004	8016
0020	0913 B	28302	466 B	2189	14789	0218	00014	5935
0030	0853	29052	472 B	2256	14777	0274	00028	5294
0050	0807	29418	460 B	2291	14768	0377	00070	4961
0075	0799	29755	446	2319	14773	0499	00147	4701
0100	0816	30144	430 B	2347	14789	0613	00249	4437
0125	0836 B	3039 C	379 C	2364	14804	0723	00375	4278
0150	0850 B	30555	331	2374	14815	0829	00524	4186
0176	0848	30648	328	2382	14820	0933	00697	4118
0201	0836	30659	350 B	2384	14819	1037	00895	4096

C-REF-NO 006	YR 1968	DEPTH 230	WAVES 1	XX	AIR T	VIS
CONS. NO 035	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 032
LAT 49-388N	DAY 04	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-143W	HR 13.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
138	0000	1070 B	02381	767 B	0156	14530
138	0005	1197 B	21459	547 B	1615	14806
138	0010	1078 B	25361	489 B	1936	14812
138	0020	0883 B	28253	471 B	2190	14777
138	0030	0874	29124	451 B	2259	14786
138	0050	0803	29372	461	2288	14765
138	0074	0813	29864	412 B	2325	14780
138	0099	0847	30145	299 B	2343	14800
138	0149	0870	30283	178 B	2350	14819
138	0198		30297	117		

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1070 B	02381	767 B	0156	14530	0000	00000	25302
0010	1078 B	25361	489 B	1936	14812	0169	00004	8368
0020	0883 B	28253	471 B	2190	14777	0241	00014	5930
0030	0874	29124	451 B	2259	14786	0297	00029	5268
0050	0803	29372	461	2288	14765	0400	00070	4990
0075	0814	29879	408 B	2326	14780	0521	00147	4630
0100	0848	30151	296 B	2343	14801	0635	00249	4476
0125	0864	3021 I	224 B	2346	14812	0747	00377	4454
0150	0870	30285	176 B	2350	14819	0859	00534	4415

C-REF-NO 006	YR 1968	DEPTH 225	WAVES 1	XX	AIR T	VIS
CONS. NO 036	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 033
LAT 49-325N	DAY 04	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-160W	HR 14.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
147	0000	1250 B	10487	689 B	0762	14694
147	0005	1228	11614	672 B	0852	14700
147	0010	1072 B	26129	489 B	1996	14819
147	0020	0924 B	28616	470 B	2212	14797
147	0030	0906	29235	460 B	2263	14800
147	0050	0819	29479	461	2295	14773
147	0075	0806	29813	456 B	2322	14776
147	0100	0825	30212	431 B	2351	14793
147	0150	0842 B	30548	372 B	2375	14812

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1250 B	10487	689 B	0762	14694	0000	00000	19798
0010	1072 B	26129	489 B	1996	14819	0137	00004	7787
0020	0924 B	28616	470 B	2212	14797	0205	00014	5717
0030	0906	29235	460 B	2263	14800	0260	00028	5232
0050	0819	29479	461	2295	14773	0362	00069	4932
0075	0806	29813	456 B	2322	14776	0482	00145	4669
0100	0825	30212	431 B	2351	14793	0596	00247	4400
0125	0835	3044 C	404 B	2368	14804	0705	00371	4244
0151	0842 B	30548	372 B	2375	14812	0810	00520	4180



C-REF-NO 006	YR 1968	DEPTH 230	WAVES 1	XX	AIR T	VIS
CONS. NO 037	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 034
LAT 49-305N	DAY 04	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-196W	HR 15.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
156	0000	1680 B	08992		0575	14826
156	0005	1272	19220		1431	14806
156	0010	1064 B	26700		2042	14824
156	0020	0941 B	28688		2215	14805
156	0030	0907	29120		2254	14799
156	0050	0815	29488		2296	14772
156	0075	0803	29811		2323	14775
156	0100	0837	30195		2348	14797
156	0150	0842 B	30548		2375	14812
156	0200	0837	30678		2386	14820

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1680 B	08992		0575	14826	0000	00000	21638
0010	1064 B	26700		2042	14824	0144	00004	7350
0020	0941 B	28688		2215	14805	0209	00013	5688
0030	0907	29120		2254	14799	0265	00027	5319
0050	0815	29488		2296	14772	0367	00069	4920
0075	0803	29811		2323	14775	0488	00145	4665
0100	0837	30195		2348	14797	0602	00247	4428
0125	0845 B	3037 I		2360	14807	0712	00373	4312
0151	0842 B	30548		2375	14812	0818	00523	4179
0176	0842 B	30645		2382	14817	0922	00696	4110
0201	0837	30678		2386	14820	1025	00893	4083

C-REF-NO 006	YR 1968	DEPTH 234	WAVES 1	XX	AIR T	VIS
CONS. NO 038	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 035
LAT 49-238N	DAY 04	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-175W	HR 16.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
166	0000	1570 B	13557		0944	14842
166	0005	1474	15751		1130	14835
166	0010	1224 B	24670		1858	14856
166	0020	0964 B	28512		2198	14811
166	0030	0915	29184		2258	14803
166	0050	0868	29533		2292	14793
166	0075	0819	29803		2320	14781
166	0100	0848	30202		2347	14802
166	0150	0860 B	30571		2374	14819
166	0200	0863	30764		2389	14831

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1570 B	13557		0944	14842	0000	00000	18004
0010	1224 B	24670		1858	14856	0135	00005	9115
0020	0964 B	28512		2198	14811	0210	00015	5853
0030	0915	29184		2258	14803	0266	00029	5283
0050	0868	29533		2292	14793	0368	00071	4958
0075	0819	29803		2320	14781	0490	00148	4693
0100	0848	30202		2347	14802	0604	00250	4439
0125	0858 B	3038 I		2360	14812	0714	00376	4320
0150	0860 B	30571		2374	14819	0821	00526	4187
0176	0863	30694		2383	14826	0925	00699	4105
0201	0863	30764		2389	14831	1028	00896	4056

C-REF-NO 006	YR 1968	DEPTH 154	WAVES 1	XX	AIR T	VIS
CONS. NO 039	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 036
LAT 49-190N	DAY 04	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-200W	HR 17.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
175	0000	1850 B	C9329	693	0567	14885
175	0005	1540 B	20285	650 B	1464	14911
175	0010	1125 B	26472	507 B	2014	14843
175	0020	1033 B	28081	477 B	2154	14831
175	0030	0932	29221	461 B	2258	14810
175	0050	0905	29517	449 B	2285	14806
175	0075	0858 B	29885	448 B	2321	14797
175	0100	0868	30376	414 B	2358	14812

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1850 B	C9329	693	0567	14885	0000	00000	21718
0010	1125 B	26472	507 B	2014	14843	0146	00004	7614
0020	1033 B	28081	477 B	2154	14831	0215	00014	6277
0030	0932	29221	461 B	2258	14810	0273	00029	5290
0050	0905	29517	449 B	2285	14806	0377	00070	5023
0075	0858 B	29885	448 B	2321	14797	0498	00148	4685
0100	0868	30376	414 B	2358	14812	0612	00248	4337

C-REF-NO 006	YR 1968	DEPTH 219	WAVES 1	XX	AIR T	VIS
CONS. NO 040	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 037
LAT 49-136N	DAY 04	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-208W	HR 18.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
185	0000	1900 B	11570		0727	14925
185	0005	1789 B	21925		1536	15009
185	0010	1319 B	25932		1938	14905
185	0020	1016 B	28791		2211	14834
185	0030	0948	29271		2259	14816
185	0050	0838	29496		2293	14781
185	0075	0816	29447		2292	14776
185	0100	0839	30184		2347	14798
185	0150	0850 C	30559		2374	14815

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1900 B	11570		0727	14925	0000	00000	20144
0010	1319 B	25932		1938	14905	0142	00004	3343
0020	1016 B	28791		2211	14834	0212	00014	5723
0030	0948	29271		2259	14816	0267	00028	5266
0050	0838	29496		2293	14781	0370	00070	4945
0075	0816	29447		2292	14776	0494	00149	4955
0100	0839	30184		2347	14798	0612	00254	4439
0125	0847 B	3037 I		2360	14807	0722	00380	4314
0150	0850 C	30559		2374	14815	0828	00530	4183



C-REF-NO 006	YR 1968	DEPTH 293	WAVES 1	XX	AIR T	VIS
CONS. NO 041	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 038
LAT 49-119N	DAY 04	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-262W	HR 19.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
193	0000	1840 B	11766		0754	14909
193	0005	1610 B	19699		1405	14927
193	0010	1593 B	23989		1736	14972
193	0020	1037 B	28726		2203	14841
193	0030	0925	29310		2266	14808
193	0050	0843	29647		2304	14784
193	0075	0833	29908		2326	14788
193	0100	0834	30116		2342	14795
193	0150	0865	30570		2373	14821
193	0200	0846	30729		2388	14824
193	0250	0848	30778		2392	14834

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1840 B	11766		0754	14909	0000	00000	19871
0010	1593 B	23989		1736	14972	0150	00005	10297
0020	1037 B	28726		2203	14841	0230	00016	5804
0030	0925	29310		2266	14808	0286	00030	5203
0050	0843	29647		2304	14784	0386	00071	4839
0075	0833	29908		2326	14788	0505	00146	4633
0100	0834	30116		2342	14795	0620	00248	4483
0125	0850 B	3034 I		2358	14808	0730	00376	4341
0150	0865	30570		2373	14821	0838	00526	4197
0176	0857 B	3067 C		2382	14824	0942	00700	4111
0201	0846	30729		2388	14824	1045	00896	4057
0226	0846	30771		2392	14829	1146	01117	4030
0251	0848	30778		2392	14834	1248	01363	4031

C-REF-NO 006	YR 1968	DEPTH 384	WAVES 1	XX	AIR T	VIS
CONS. NO 042	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 039
LAT 49-098N	DAY 04	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-331W	HR 20.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
202	0000	1730 B	12253	719 B	0814	14879
202	0004	1808 B	13467	688 B	0890	14918
202	0009	1388 B	22907	603 B	1693	14892
202	0017	1198 B	27677	538 B	2095	14885
202	0026	1027	28740	461 B	2206	14838
202	0043	0913	29410	435 B	2276	14807
202	0065	0848 B	29700	448 B	2308	14790
202	0087	0864	29944	451	2324	14802
202	0130	0864	30437	426 B	2363	14816
202	0170	0847	30625	395 B	2380	14818
202	0220	0859	30748	343	2388	14833
202	0260	0851	30782	380	2392	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1730 B	12253	719 B	0814	14879	0000	00000	19284
0010	1364 I	2350 I	593 B	1743	14891	0147	00005	10222
0020	1134 B	2803 I	510 B	2133	14867	0230	00017	6473
0030	0985 C	2889 I	446 B	2225	14826	0291	00032	5598
0050	0883	2950 I	437 B	2287	14798	0397	00075	5003
0075	0851 B	29813	451	2316	14794	0519	00152	4728
0100	0867	3010 D	446	2337	14808	0635	00256	4536
0125	0866	3038 B	430 B	2359	14815	0747	00384	4329
0150	0855	3055 C	412 B	2373	14817	0854	00534	4195
0176	0848	30642	388 B	2381	14820	0958	00707	4121
0201	0853	30712	358 B	2386	14827	1061	00905	4081
0226	0859	30756	344	2389	14833	1164	01127	4059
0251	0854	30779	365	2391	14836	1265	01375	4039

C-REF-NO 006	YR 1968	DEPTH 157	WAVES 1	XX	AIR T	VIS
CONS. NO 043	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 040
AT 49-087N	DAY 04	NO.DPTH 8	WND-DIR		WW-CODE	
ON 123-369W	HR 20.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
209	0000	1980 B	08141		0449	14912
209	0005	1521 B	20906		1515	14912
209	0010	1223 B	27568		2082	14891
209	0020	1073	28567		2185	14852
209	0030	0982	29118		2242	14827
209	0050	0874 B	29533		2291	14795
209	0075	0833 B	29801		2318	14787
209	0100	0835	30102		2341	14795

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1980 B	08141		0449	14912	0000	00000	22884
0010	1223 B	27568		2082	14891	0148	00004	6964
0020	1073	28567		2185	14852	0213	00013	5978
0030	0982	29118		2242	14827	0270	00028	5430
0050	0874 B	29533		2291	14795	0375	00070	4967
0075	0833 B	29801		2318	14787	0496	00147	4713
0100	0835	30102		2341	14795	0612	00250	4495

C-REF-NO 006	YR 1968	DEPTH 208	WAVES 1	XX	AIR T	VIS
CONS. NO 044	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 041
LAT 49-003N	DAY 04	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-300W	HR 22.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
222	0000	1950 B	07712		0423	14898
222	0005	1320	24110		1798	14882
222	0010	1159 B	26903		2042	14861
222	0020	1093 B	28140		2148	14854
222	0030	0998	28954		2227	14831
222	0050	0889	29368		2276	14799
222	0075	0828 B	29787		2317	14785
222	0100	0844	30096		2339	14799
222	0150	0852	30504		2370	14815

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1950 B	07712		0423	14898	0000	00000	23142
0010	1159 B	26903		2042	14861	0151	00004	7350
0020	1093 B	28140		2148	14854	0220	00014	6326
0030	0998	28954		2227	14831	0280	00029	5576
0050	0889	29368		2276	14799	0387	00072	5112
0075	0828 B	29787		2317	14785	0510	00150	4717
0100	0844	30096		2339	14799	0626	00253	4512
0125	0847 B	30337		2358	14807	0737	00381	4340
0150	0852	30504		2370	14815	0845	00532	4227



-REF-NO 006	YR 1968	DEPTH 320	WAVES 1	XX	AIR T	VIS
ONS. NO 045	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 042
AT 49-018N	DAY 04	NO.DPTH 12	WND-DIR		WW-CODE	
ON 123-263W	HR 22.9	W-COLOR	WND-SPD		CLD-TPE	
ARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
229	0000	1720 B	09989	706 B	0644	14851
229	0005	1553 B	20558	619 B	1482	14918
229	0010	1143 B	27307	517 B	2076	14860
229	0020	1068 B	28470	494 B	2178	14849
229	0030	0993	29027	472	2233	14830
229	0050	0879	29418	448 B	2281	14795
229	0075	0827	29683	446 B	2309	14783
229	0100	0834	29967	437 B	2331	14793
229	0150	0846	30500	407 B	2370	14813
229	0200	0844	30680	389 B	2385	14823
229	0250	0843	30739	370 B	2390	14831
229	0300	0845	30801	353 B	2394	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1720 B	09989	706 B	0644	14851	0000	00000	20964
0010	1143 B	27307	517 B	2076	14860	0139	00004	7024
0020	1068 B	28470	494 B	2178	14849	0205	00013	6043
0030	0993	29027	472	2233	14830	0263	00028	5514
0050	0879	29418	448 B	2281	14795	0369	00071	5060
0075	0827	29683	446 B	2309	14783	0492	00149	4794
0100	0834	29967	437 B	2331	14793	0610	00254	4594
0125	0841	3025 D	422 B	2352	14804	0723	00384	4390
0150	0846	30500	407 B	2370	14813	0831	00535	4221
0176	0846	3062 C	397 B	2380	14818	0936	00710	4135
0201	0844	30680	389 B	2385	14823	1039	00908	4000
0226	0843	3071 B	379 B	2388	14827	1142	01131	4000
0251	0843	30739	370 B	2390	14831	1244	01379	4052
0301	0845	30801	353 B	2394	14841	1447	01950	4017

C-REF-NO 006	YR 1968	DEPTH 234	WAVES 1	XX	AIR T	VIS
CONS. NO 046	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 043
LAT 49-033N	DAY 04	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-223W	HR 23.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
237	0000	1640 B	02042		0051	14736
237	0005	1330	24642		1837	14892
237	0010	1152 B	27702		2105	14868
237	0020	1034 B	28733		2204	14840
237	0030	0974	29178		2248	14825
237	0050	0867	29522		2291	14792
237	0075	0824	29808		2320	14783
237	0100	0912	30169		2335	14826
237	0150	0866	30550		2371	14821
237	0200	0855	30831		2395	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1640 B	02042		0051	14736	0000	00000	26850
0010	1152 B	27702		2105	14868	0167	00003	6746
0020	1034 B	28733		2204	14840	0229	00013	5794
0030	0974	29178		2248	14825	0285	00027	5374
0050	0867	29522		2291	14792	0389	00069	4965
0075	0824	29808		2320	14783	0510	00146	4696
0100	0912	30169		2335	14826	0627	00249	4555
0125	0889 I	3035 I		2353	14823	0739	00378	4384
0150	0866	30550		2371	14821	0847	00530	4213
0176	0860 B	30707		2385	14825	0951	00703	4091
0201	0855	30831		2395	14829	1053	00897	3995

C-REF-NO 006	YR 1968	DEPTH 121	WAVES 1	XX	AIR T	VIS
CONS. NO 047	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 044
LAT 48-565N	DAY 05	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-060W	HR 01.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
012	0000	1700 B	18209	788 B	1273	14938
012	0005	1502 B	22940	965	1674	14930
012	0010	1062 B	28042	515 B	2146	14840
012	0019	1011 B	28661	475	2202	14830
012	0029	0955	29128	455 B	2247	14817
012	0048	0931	29745	444 B	2299	14819
012	0072	0916 B	30036	432 B	2324	14821
012	0097	0898	30443	414 B	2358	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1700 B	18209	788 B	1273	14938	0000	00000	14786
0010	1062 B	28042	515 B	2146	14840	0105	00003	6350
0020	1005 B	28715	472	2207	14829	0166	00012	5763
0030	0952	29169	454 B	2251	14817	0222	00026	5348
0050	0929	2977 C	443 B	2302	14819	0324	00068	4865
0075	0914 B	30084	430 B	2328	14821	0443	00143	4617

C-REF-NO 006	YR 1968	DEPTH 124	WAVES 1	XX	AIR T	VIS
CONS. NO 048	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 045
LAT 48-540N	DAY 05	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-085W	HR 01.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
018	0000	1750 B	10357	746 B	0666	14864
018	0005	1372 B	23410	637 B	1735	14892
018	0010	1096 B	27304	518 B	2083	14843
018	0020	0956 B	28934	464 B	2232	14813
018	0030	0928	29367	457 B	2270	14810
018	0050	0878	29513	443 B	2289	14796
018	0075	0915	30124	436 B	2331	14822
018	0100	0896	30535	409 B	2366	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1750 B	10357	746 B	0666	14864	0000	00000	20745
0010	1096 B	27304	518 B	2083	14843	0138	00004	6950
0020	0956 B	28934	464 B	2232	14813	0200	00013	5528
0030	0928	29367	457 B	2270	14810	0254	00026	5166
0050	0878	29513	443 B	2289	14796	0356	00068	4986
0075	0915	30124	436 B	2331	14822	0476	00144	4590
0100	0896	30535	409 B	2366	14824	0587	00243	4261



C-REF-NO 006	YR 1968	DEPTH 187	WAVES 1	XX	AIR T	VIS
CONS. NO 049	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 046
LAT 48-515N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-110W	HR 02.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
024	0000	1510 B	19926	647 B	1442	14896
024	0005	1363	24066	602 B	1787	14896
024	0010	1169 B	25110	532 B	1902	14842
024	0020	1031 B	28587	478 B	2193	14837
024	0030	0965	29121	459 B	2245	14821
024	0050	0929	29409	457 B	2273	14814
024	0075	0863 B	29760	447 B	2310	14798
024	0100	0900	30221	424 B	2341	14822
024	0150	0874	31017	385 B	2407	14830

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1510 B	19926	647 B	1442	14896	0000	00000	13141
0010	1169 B	25110	532 B	1902	14842	0109	00004	8698
0020	1031 B	28587	478 B	2193	14837	0182	00015	5898
0030	0965	29121	459 B	2245	14821	0239	00029	5402
0050	0929	29409	457 B	2273	14814	0344	00072	5138
0075	0863 B	29760	447 B	2310	14798	0469	00151	4785
0100	0900	30221	424 B	2341	14822	0585	00255	4500
0125	0895 C	3063 B	404 B	2373	14829	0695	00380	4191
0151	0874	31017	385 B	2407	14830	0796	00522	3878

C-REF-NO 006	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 050	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 047
LAT 48-495N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-060W	HR 03.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
031	0000	1600 B	20894		1498	14937
031	0005	1492 B	22931		1675	14926
031	0010	1260 B	26137		1965	14887
031	0020	1060 B	28410		2175	14845
031	0030	0989	28912		2225	14827
031	0050	0903	29381		2275	14804
031	0075	0901	29882		2314	14814
031	0100	0918	30218		2338	14829
031	0150	0880	30943		2400	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1600 B	20894		1498	14937	0000	00000	12597
0010	1260 B	26137		1965	14887	0103	00004	8033
0020	1060 B	28410		2175	14845	0174	00014	6074
0030	0989	28912		2225	14827	0233	00029	5594
0050	0903	29381		2275	14804	0340	00073	5122
0075	0901	29882		2314	14814	0464	00151	4748
0100	0918	30218		2338	14829	0580	00255	4528
0125	0908	3058 C		2368	14834	0691	00381	4247
0151	0880	30943		2400	14832	0793	00525	3942

C-REF-NO 006	YR 1968	DEPTH 208	WAVES 1	XX	AIR T	VIS
CONS. NO 051	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET R	STN 048
LAT 48-518N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-032W	HR 03.6	W-COLOR	WND-SPD		CLD-TPC	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
036	0000	1730 B	18650		1300	14952
036	0005	1120	27560		2099	14854
036	0010	1093 B	28036		2140	14851
036	0020	1022 B	28529		2190	14833
036	0030	0993	29003		2232	14830
036	0050	0953	29741		2295	14827
036	0075	0921 B	30227		2338	14826
036	0100	0900	30552		2366	14826
036	0150	0870	31129		2416	14830

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1730 B	18650		1300	14952	0000	00000	14520
0010	1093 B	28036		2140	14851	0104	00003	6403
0020	1022 B	28529		2190	14833	0166	00013	5927
0030	0993	29003		2232	14830	0224	00027	5533
0050	0953	29741		2295	14827	0329	00069	4926
0075	0921 B	30227		2338	14826	0447	00144	4521
0100	0900	30552		2366	14826	0557	00243	4253
0125	0883	3086 B		2393	14827	0661	00361	4001
0151	0870	31129		2416	14830	0759	00499	3788

C-REF-NO 006	YR 1968	DEPTH 135	WAVES 1	XX	AIR T	VIS
CONS. NO 052	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 049
LAT 48-548N	DAY 05	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-595W	HR 04.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
044	0000	1510 B	20711	690 B	1502	14905
044	0005	1368	23126	724 B	1714	14887
044	0010	1083 B	27533	536	2103	14841
044	0020	0995 B	29143	461 B	2242	14831
044	0029	0961	29469	456 B	2273	14824
044	0049	0942	29882	440 B	2308	14825
044	0073	0930 B	30017	435 B	2320	14826
044	0097	0899	30541	407 B	2366	14825

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1510 B	20711	690 B	1502	14905	0000	00000	12559
0010	1083 B	27533	536	2103	14841	0096	00003	6760
0020	0995 B	29143	461 B	2242	14831	0158	00012	5429
0030	0959	29498	455 B	2275	14823	0210	00026	5114
0050	0942	2988 B	440 B	2308	14825	0310	00066	4800
0075	0928 B	30050	433 B	2323	14826	0429	00142	4664



C-REF-NO 006	YR 1968	DEPTH 26	WAVES 1	XX	AIR T	VIS
CONS. NO 053	MONTH 7	MXSAMPD 00	WAVES 2	XX	WET R	STN 050
LAT 48-577N	DAY 05	NO.DPTH 4	WND-DIR		WW-CODE	
LON 122-560W	HR 05.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
050	0000	1570 B	19147		1371	14906
050	0005	1301 B	24934		1865	14886
050	0010	1226 B	26251		1980	14876
050	0020	1032 B	28438		2182	14835

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1570 B	19147		1371	14906	0000	00000	13834
0010	1226 B	26251		1980	14876	0109	00004	7945
0020	1032 B	28438		2182	14835	0178	00014	6010

C-REF-NO 006	YR 1968	DEPTH 161	WAVES 1	XX	AIR T	VIS
CONS. NO 054	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 051
LAT 48-468N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-518W	HR 06.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
064	0000	1290 B	25418	648 B	1904	14887
064	0005	1260	25619	642 B	1925	14880
064	0010	1125 B	27270	537 B	2076	14853
064	0020	1078 B	27918	505 B	2134	14846
064	0030	1042	28472	485 B	2183	14841
064	0050	0980	29373	452 B	2262	14833
064	0075	0956	29751	438 B	2296	14833
064	0100	0928	30166	414 B	2332	14832
064	0150	0888 B	30921	389 B	2397	14834

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1290 B	25418	648 B	1904	14887	0000	00000	8672
0010	1125 B	27270	537 B	2076	14853	0079	00004	7022
0020	1078 B	27918	505 B	2134	14846	0146	00014	6468
0030	1042	28472	485 B	2183	14841	0209	00030	6001
0050	0980	29373	452 B	2262	14833	0321	00075	5240
0075	0956	29751	438 B	2296	14833	0449	00156	4927
0100	0928	30166	414 B	2332	14832	0568	00262	4580
0125	0906	30552	399 B	2366	14832	0679	00389	4265
0151	0888 B	30921	389 B	2397	14834	0783	00534	3969

C-REF-NO 006	YR 1968	DEPTH 77	WAVES 1	XX	AIR T	VIS
CONS. NO 055	MONTH 7	MXSAMPD 00	WAVES 2	XX	WET R	STN 052
LAT 48-389N	DAY 05	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-433W	HR 07.8	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
078	0000	1150 B	28278	608 B	2149	14873
078	0005	1119	28323	598 B	2158	14863
078	0010	1107 B	28498	566 B	2174	14862
078	0020	1070 B	28727	552 B	2198	14853
078	0030	1006	29289	505 B	2252	14838
078	0050	0987	29613	459 B	2280	14838

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1150 B	28278	608 B	2149	14873	0000	00000	6315
0010	1107 B	28498	566 B	2174	14862	0062	00003	6082
0020	1070 B	28727	552 B	2198	14853	0122	00012	5855
0030	1006	29289	505 B	2252	14838	0178	00026	5339
0050	0987	29613	459 B	2280	14838	0283	00069	5074

C-REF-NO 006	YR 1968	DEPTH 64	WAVES 1	XX	AIR T	VIS
CONS. NO 056	MONTH 7	MXSAMPD .00	WAVES 2	XX	WET B	STN 053
LAT 48-332N	DAY 05	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-450W	HR 08.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
085	0000	1150 B	28638		2177	14877
085	0005	1076	28933		2213	14855
085	0010	1061 B	29065		2225	14852
085	0020	1034 B	29285		2247	14847
085	0030	0997	29703		2285	14840
085	0050	0922	30695		2374	14828

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1150 B	28638		2177	14877	0000	00000	6048
0010	1061 B	29065		2225	14852	0058	00003	5588
0020	1034 B	29285		2247	14847	0113	00011	5384
0030	0997	29703		2285	14840	0166	00024	5018
0050	0922	30695		2374	14828	0258	00061	4172



C-REF-NO 006	YR 1968	DEPTH 79	WAVES 1	XX	AIR T	VIS
CONS. NO 057	MONTH 7	MXSAMPD 00	WAVES 2	XX	WET B	STN 054
LAT 48-266N	DAY 05	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-444W	HR 09.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
093	0000	1120 B	28829	598 B	2197	14869
093	0005	1071	29065	553 B	2224	14855
093	0010	1039 B	29413	514 B	2256	14849
093	0020	0975 B	30065	461 B	2317	14835
093	0030	0956	30299	444 B	2338	14832
093	0050	0888	31177	396 B	2417	14821

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1120 B	28829	598 B	2197	14869	0000	00000	5858
0010	1039 B	29413	514 B	2256	14849	0056	00003	5295
0020	0975 B	30065	461 B	2317	14835	0106	00010	4714
0030	0956	30299	444 B	2338	14832	0152	00022	4513
0050	0888	31177	396 B	2417	14821	0236	00055	3765

C-REF-NO 006	YR 1968	DEPTH 102	WAVES 1	XX	AIR T	VIS
CONS. NO 058	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 055
LAT 48-455N	DAY 05	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-585W	HR 12.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
124	0000	1180 B	26736		2025	14864
124	0005	1157	26781		2033	14858
124	0009	1091 B	27748		2118	14846
124	0018	1066 B	28246		2161	14845
124	0027	1060	28305		2167	14845
124	0046	1044	28514		2185	14845
124	0069	1019 B	28853		2216	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1180 B	26736		2025	14864	0000	00000	7508
0010	1084 B	2780 I		2124	14845	0070	00003	6560
0020	1064 B	2825 I		2162	14845	0134	00013	6192
0030	1058	28332		2169	14845	0196	00029	6130
0050	1040	28566		2190	14845	0317	00078	5932

C-REF-NO 006	YR 1968	DEPTH 234	WAVES 1	XX	AIR T	VIS
CONS. NO 059	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 056
LAT 48-460N	DAY 05	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-010W	HR 13.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
130	0000	1090 B	28025	511 B	2140	14848
130	0005	1055	28188	490 B	2158	14838
130	0010	1040 B	28429	488 B	2180	14837
130	0020	1006 B	28778	475 B	2212	14830
130	0030	0936	29488	453 B	2278	14815
130	0050	0901	30545	404 B	2366	14818
130	0075	0854	31287	372	2431	14814
130	0100	0861	31209	378 B	2424	14820
130	0150	0859	31289	378 B	2430	14828
130	0200	0813	31856	341 B	2481	14826

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1090 B	28025	511 B	2140	14848	0000	00000	6406
0010	1040 B	28429	488 B	2180	14837	0062	00003	6028
0020	1006 B	28778	475 B	2212	14830	0121	00012	5718
0030	0936	29488	453 B	2278	14815	0175	00026	5087
0050	0901	30545	404 B	2366	14818	0269	00063	4252
0075	0854	31287	372	2431	14814	0368	00126	3638
0100	0861	31209	378 B	2424	14820	0461	00208	3708
0126	0864	3119 C	381 B	2422	14825	0554	00316	3723
0151	0859	31289	378 B	2430	14828	0647	00446	3654
0176	0841	31514	364 B	2450	14828	0736	00595	3465
0201	0813	31856	341 B	2481	14826	0820	00755	3174

C-REF-NO 006	YR 1968	DEPTH 157	WAVES 1	XX	AIR T	VIS
CONS. NO 060	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 057
LAT 48-440N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-080W	HR 13.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
137	0000	1240 B	25877		1948	14875
137	0005	1083 B	27815		2125	14844
137	0010	1066 B	28006		2143	14841
137	0020	1048 B	28315		2169	14840
137	0030	1024	28603		2196	14836
137	0050	0990	29029		2234	14832
137	0075	0927 B	30083		2326	14826
137	0100	0894	30670		2377	14825
137	0150	0853	31406		2440	14827

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1240 B	25877		1948	14875	0000	00000	8245
0010	1066 B	28006		2143	14841	0073	00003	6383
0020	1048 B	28315		2169	14840	0136	00013	6126
0030	1024	28603		2196	14836	0196	00028	5876
0050	0990	29029		2234	14832	0310	00074	5511
0075	0927 B	30083		2326	14826	0438	00154	4638
0100	0894	30670		2377	14825	0548	00252	4156
0125	0868	3103 I		2409	14824	0649	00368	3848
0151	0853	31406		2440	14827	0742	00498	3558



C-REF-NO 006	YR 1968	DEPTH 326	WAVES 1	XX	AIR T	VIS
CONS. NO 061	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 058
LAT 48-430N	DAY 05	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-140W	HR 14.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
143	0000	1170 B	27083		2054	14865
143	0005	1115	27530		2098	14852
143	0010	1093 B	27836		2125	14848
143	0020	1070 B	28076		2147	14845
143	0030	1067	28172		2155	14846
143	0050	0981	29318		2258	14832
143	0075	0928 B	30172		2333	14828
143	0100	0913	30388		2352	14829
143	0150	0882	31016		2405	14833
143	0200	0815 B	31847		2480	14827
143	0250	0793	32232		2514	14831
143	0300	0788	32342		2523	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	DEL. EN	SVA
0000	1170 B	27083		2054	14865	0000	00000	7234
0010	1093 B	27836		2125	14848	0069	00003	6551
0020	1070 B	28076		2147	14845	0134	00013	6338
0030	1067	28172		2155	14846	0197	00029	6262
0050	0981	29318		2258	14832	0313	00076	5282
0075	0928 B	30172		2333	14828	0436	00153	4573
0100	0913	30388		2352	14829	0549	00254	4394
0125	0900	30673		2376	14832	0656	00377	4167
0151	0882	31016		2405	14833	0757	00519	3889
0176	0848 B	3143 I		2443	14830	0851	00674	3536
0201	0815 B	31847		2480	14827	0935	00835	3184
0226	0800	3208 C		2501	14828	1013	01004	2990
0251	0793	32232		2514	14831	1087	01183	2874
0302	0788	32342		2523	14839	1229	01585	2793

C-REF-NO 006	YR 1968	DEPTH 208	WAVES 1	XX	AIR T	VIS
CONS. NO 062	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 059
LAT 48-378N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-283W	HR 15.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
152	0000	1170 B	27558	547 B	2090	14871
152	0005	1099	27767	509 B	2119	14849
152	0010	1081 B	28129	504 B	2150	14848
152	0019	1061 B	28424	491 B	2176	14846
152	0029	1055	28506	492 B	2183	14846
152	0048	1024	29057	472 B	2231	14845
152	0072	0911	30476	401 B	2359	14825
152	0096	0850	31405	363 B	2441	14817
152	0144	0810	32059	338 B	2498	14818

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1170 B	27558	547 B	2090	14871	0000	00000	6881
0010	1081 B	28129	504 B	2150	14848	0066	00003	6314
0020	1060 B	2843 B	491 B	2177	14846	0128	00013	6056
0030	1054	28522	492 B	2184	14846	0188	00028	5983
0050	1015	2917 I	466 B	2241	14843	0303	00074	5441
0075	0901	30616	395 B	2371	14823	0424	00150	4203
0100	0842	31522	358 B	2451	14816	0520	00234	3449
0125	0811	31997	339 B	2493	14815	0602	00328	3056

C-REF-NO 006	YR 1968	DEPTH 296	WAVES 1	XX	AIR T	VIS
CONS. NO 063	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	SIN 060
LAT 48-340N	DAY 05	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-128W	HR 15.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T F M P	S A L	OXYGEN	SGMT	SOUND
159	0000	1230 B	27738		2094	14894
159	0005	1082 D	28234		2158	14849
159	0010	1058 B	28546		2186	14845
159	0020	1039 B	28742		2204	14842
159	0030	0974	29602		2281	14830
159	0050	0917	30612		2369	14825
159	0075	0870	31255		2426	14820
159	0100	0834	31743		2469	14816
159	0149	0793	32323		2521	14816
159	0199	0780	32439		2532	14821
159	0249	0774	32507		2538	14827

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1230 B	27738		2094	14894	0000	00000	6849
0010	1058 B	28546		2186	14845	0064	00003	5969
0020	1039 B	28742		2204	14842	0123	00012	5795
0030	0974	29602		2281	14830	0178	00026	5058
0050	0917	30612		2369	14825	0271	00063	4227
0075	0870	31255		2426	14820	0370	00126	3684
0100	0834	31743		2469	14816	0458	00203	3273
0126	0809	32099		2501	14815	0536	00293	2977
0151	0793	32328		2521	14816	0609	00395	2787
0176	0784	3238 I		2527	14818	0678	00511	2738
0201	0780	32441		2532	14821	0747	00642	2693
0226	0776	3248 B		2536	14824	0814	00788	2655
*0251	0774	32507		2538	14828	0881	00951	2644

C-REF-NO 006	YR 1968	DEPTH 274	WAVES 1	XX	AIR T	VIS
CONS. NO 064	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 061
LAT 48-291N	DAY 05	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-092W	HR 16.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
168	0000	1140 B	28203		2145	14868
168	0005	1073	28315		2165	14846
168	0010	1025 B	28957		2223	14838
168	0019	1015 B	29094		2235	14837
168	0029	0917	30605		2368	14822
168	0048	0845	31625		2458	14810
168	0072	0821	31939		2487	14809
168	0096	0801	32189		2509	14809
168	0144	0794 B	32318		2520	14816
168	0192	0770	32555		2542	14817
168	0241	0766	32603		2546	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1140 B	28203		2145	14868	0000	00000	6354
0010	1025 B	28957		2223	14838	0060	00003	5613
0020	1006 B	2924 I		2248	14836	0115	00011	5371
0030	0911	3065 I		2373	14820	0163	00023	4179
0050	0841	3167 D		2463	14810	0238	00053	3329
0075	0818	31975		2490	14809	0319	00104	3075
0100	0800	3220 C		2511	14809	0394	00171	2980
0126	0795 B	3226 I		2516	14812	0466	00254	2833
0151	0791 B	3235 B		2523	14816	0536	00353	2770
0176	0778	3247 D		2535	14817	0604	00467	2662
0201	0768	32573		2544	14818	0670	00593	2579
0226	0766	32603		2546	14822	0735	00734	2557



C-REF-NO 006	YR 1968	DEPTH 143	WAVES 1	XX	AIR T	VIS
CONS. NO 065	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 062
LAT 48-230N	DAY 05	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-027W	HR 17.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
178	0000	1080 B	29211	521 B	2234	14859
178	0005	1010	29583	487 B	2274	14839
178	0010	1019 B	29597	489 B	2274	14844
178	0020	1020 B	29689	506 B	2281	14847
178	0030	0982	30151	454 B	2323	14840
178	0050	0937	30628	433 B	2367	14833
178	0075	0866	31445	381 B	2441	14821
178	0100	0805	32131	345 B	2504	14810

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1080 B	29211	521 B	2234	14859	0000	00000	5510
0010	1019 B	29597	489 B	2274	14844	0053	00003	5128
0020	1020 B	29689	506 B	2281	14847	0104	00010	5062
0030	0982	30151	454 B	2323	14840	0153	00023	4663
0050	0937	30628	433 B	2367	14833	0243	00059	4243
0075	0866	31445	381 B	2441	14821	0340	00120	3537
0100	0805	32131	345 B	2504	14810	0422	00192	2944

C-REF-NO 006	YR 1968	DEPTH 154	WAVES 1	XX	AIR T	VIS
CONS. NO 066	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 063
LAT 48-145N	DAY 05	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-588W	HR 18.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
189	0000	1120 B	29772	579 B	2270	14881
189	0005	1062	29985	534 B	2297	14863
189	0010	1057 B	30076	513 B	2305	14864
189	0020	1010 B	30401	494 B	2337	14852
189	0030	0895	31520	405 B	2443	14825
189	0050	0847	31979	369 B	2486	14816
189	0075	0777	32567	331 B	2542	14801
189	0100	0731	33060	288 B	2587	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1120 B	29772	579 B	2270	14881	0000	00000	5159
0010	1057 B	30076	513 B	2305	14864	0050	00002	4832
0020	1010 B	30401	494 B	2337	14852	0097	00010	4519
0030	0895	31520	405 B	2443	14825	0137	00020	3515
0050	0847	31979	369 B	2486	14816	0204	00047	3109
0075	0777	32567	331 B	2542	14801	0275	00091	2577
0101	0731	33060	288 B	2587	14794	0335	00144	2152

C-REF-NO 006	YR 1968	DEPTH 97	WAVES 1 XX	AIR T	VIS
CONS. NO 067	MONTH 7	MXSAMPD 01	WAVES 2 XX	WET B	STN 064
LAT 48-122N	DAY 05	NO.DPTH 7	WND-DIR	WW-CODE	
LON 123-058W	HR 19.7	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
197	0000	1080 B	29994		2294	14869
197	0005	1072	30032		2299	14868
197	0010	1074 B	30081		2302	14870
197	0020	1027 B	30429		2337	14859
197	0030	0973	30900		2382	14846
197	0050	0739 B	33092		2589	14789
197	0075	0705	33334		2612	14783

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1080 B	29994		2294	14869	0000	00000	4929
0010	1074 B	30081		2302	14870	0049	00002	4856
0020	1027 B	30429		2337	14859	0096	00010	4524
0030	0973	30900		2382	14846	0139	00021	4093
0050	0739 B	33092		2589	14789	0202	00044	2131
0075	0705	33334		2612	14783	0253	00076	1910

C-REF-NO 006	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 068	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 065
LAT 48-158N	DAY 05	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-100W	HR 20.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
204	0000	1120 B	29406	608 B	2242	14876
204	0005	1066	29510	574 B	2259	14859
204	0010	1049 B	29575	540 B	2267	14854
204	0020	0999 B	30202	494 B	2324	14845
204	0030	0969	30770	447 B	2373	14843
204	0050	0857	31830	379 B	2473	14818
204	0075	0819	32167	350 B	2505	14812
204	0100	0714	33231	274 B	2603	14789

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1120 B	29406	608 B	2242	14876	0000	00000	5430
0010	1049 B	29575	540 B	2267	14854	0053	00003	5191
0020	0999 B	30202	494 B	2324	14845	0103	00010	4650
0030	0969	30770	447 B	2373	14843	0147	00021	4184
0050	0857	31830	379 B	2473	14818	0222	00051	3234
0075	0819	32167	350 B	2505	14812	0299	00100	2933
0101	0714	33231	274 B	2603	14789	0361	00154	2002



C-REF-NO 006	YR 1968	DEPTH 95	WAVES 1	XX	AIR T	VIS
CONS. NO 069	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 066
LAT 48-193N	DAY 05	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-141W	HR 21.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
211	0000	1160 B	29095		2211	14887
211	0005	1079	29327		2243	14861
211	0010	1057 B	29548		2264	14857
211	0019	1029 B	29755		2284	14851
211	0029	0976	30345		2339	14840
211	0048	0922	30898		2390	14830
211	0072	0730	33018		2584	14788

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-O	POT.EN	SVA
0000	1160 B	29095		2211	14887	0000	00000	5726
0010	1057 B	29548		2264	14857	0055	00003	5223
0020	1024 B	2981 C		2289	14850	0106	00010	4978
0030	0973	3037 I		2341	14840	0154	00022	4484
0050	0910	3102 B		2402	14828	0238	00056	3911

C-REF-NO 006	YR 1968	DEPTH 106	WAVES 1	XX	AIR T	VIS
CONS. NO 070	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 067
LAT 48-229N	DAY 05	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-180W	HR 21.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
217	0000	1080 B	29724		2273	14866
217	0005	1040	29711		2279	14852
217	0010	1041 B	29734		2281	14853
217	0020	1035 B	29757		2283	14853
217	0030	0965	30256		2333	14835
217	0050	0915	31013		2400	14829
217	0075	0872 B	31461		2442	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1080 B	29724		2273	14866	0000	00000	5129
0010	1041 B	29734		2281	14853	0051	00003	5060
0020	1035 B	29757		2283	14853	0102	00010	5035
0030	0965	30256		2333	14835	0150	00023	4559
0050	0915	31013		2400	14829	0235	00057	3926
0075	0872 B	31461		2442	14823	0329	00116	3534

C-REF-NO 006	YR 1968	DEPTH 135	WAVES 1	XX	AIR T	VIS
CONS. NO 071	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 068
LAT 48-122N	DAY 05	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-431W	HR 23.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
239	0000	1180 B	29960		2274	14904
239	0005	1109	30074		2296	14881
239	0010	1026 B	30305		2327	14855
239	0020	0964 B	31072		2397	14844
239	0030	0851	32144		2498	14817
239	0050	0724	33259		2604	14785
239	0075	0696	33528		2629	14782
239	0100	0668	33727		2648	14778

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1180 B	29960		2274	14904	0000	00000	5120
0010	1026 B	30305		2327	14855	0049	00002	4614
0020	0964 B	31072		2397	14844	0092	00009	3950
0030	0851	32144		2498	14817	0127	00017	2989
0050	0724	33259		2604	14785	0177	00037	1987
0075	0696	33528		2629	14782	0224	00067	1754
0101	0668	33727		2648	14778	0266	00104	1573

C-REF-NO 006	YR 1968	DEPTH 172	WAVES 1	XX	AIR T	VIS
CONS. NO 072	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 069
LAT 48-155N	DAY 06	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-430W	HR 00.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
005	0000	1130 B	29982	605 B	2285	14887
005	0005	1065	30005	584 B	2298	14865
005	0010	1015 B	30295	531	2328	14851
005	0019	0960 B	30756	463 B	2373	14838
005	0028	0895	31398	406 B	2433	14823
005	0047	0809	32476	344 B	2530	14808
005	0071	0685 B	33443	254 B	2624	14776
005	0095	0644	33828	222 B	2659	14768
005	0143	0648	33842	225 B	2660	14778

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1130 B	29982	605 B	2285	14887	0000	00000	5020
0010	1015 B	30295	531	2328	14851	0048	00002	4604
0020	0953 B	3082 B	456 B	2380	14836	0092	00009	4116
0030	0885	31527	398 B	2445	14821	0130	00019	3496
0050	0792	32625	332 B	2544	14803	0191	00043	2550
0075	0674 B	3353 C	246 B	2632	14773	0245	00076	1719
0101	0638	3388 B	217 B	2664	14768	0284	00111	1417
0126	0630	3397 D	211 B	2673	14770	0319	00151	1343



C-REF-NO 006	YR 1968	DEPTH 154	WAVES 1	XX	AIR T	VIS
CONS. NO 073	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 070
LAT 48-190N	DAY 06	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-430W	HR 01.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
011	0000	1130 B	30120		2295	14889
011	0005	1067	30117		2306	14867
011	0010	1025 B	30181		2318	14853
011	0020	1002 B	30416		2340	14849
011	0030	0918	31259		2419	14830
011	0050	0820	32167		2505	14808
011	0075	0741	32930		2576	14792
011	0100	0652	33675		2646	14770

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1130 B	30120		2295	14889	0000	00000	4918
0010	1025 B	30181		2318	14853	0048	00002	4704
0020	1002 B	30416		2340	14849	0094	00009	4495
0030	0918	31259		2419	14830	0136	00020	3743
0050	0820	32167		2505	14808	0203	00046	2930
0075	0741	32930		2576	14792	0268	00087	2259
0101	0652	33675		2646	14770	0317	00130	1590

C-REF-NO 006	YR 1968	DEPTH 113	WAVES 1	XX	AIR T	VIS
CONS. NO 074	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 071
LAT 48-220N	DAY 06	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-005W	HR 02.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
025	0000	1050 B	31168		2390	14873
025	0005	1028	31137		2392	14866
025	0010	1016 B	31166		2396	14862
025	0020	0994 B	31245		2406	14857
025	0030	0940	31311		2419	14839
025	0050	0889	31584		2449	14827
025	0075	0842	32002		2488	14819
025	0100	0654 B	33642		2643	14771

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1050 B	31168		2390	14873	0000	00000	4011
0010	1016 B	31166		2396	14862	0040	00002	3959
0020	0994 B	31245		2406	14857	0079	00008	3868
0030	0940	31311		2419	14839	0118	00018	3738
0050	0889	31584		2449	14827	0190	00047	3462
0075	0842	32002		2488	14819	0272	00099	3089
0101	0654 B	33642		2643	14771	0331	00150	1618

C-REF-NO 006	YR 1968	DEPTH 187	WAVES 1	XX	AIR T	VIS
CONS. NO 075	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 072
LAT 48-188N	DAY 06	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-040W	HR 03.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
032	0000	1060 B	30631	552 B	2347	14870
032	0005	1043	30622	552 B	2349	14865
032	0010	0996 B	30757	512 B	2367	14850
032	0020	0958 B	31211	478 B	2409	14843
032	0030	0914	31390	425 B	2430	14831
032	0050	0863	31838	405 B	2472	14820
032	0075	0741	32979	301 B	2579	14792
032	0100	0643	33786	223 B	2656	14768
032	0150	0629	33894	211 B	2666	14772

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1060 B	30631	552 B	2347	14870	0000	00000	4425
0010	0996 B	30757	512 B	2367	14850	0043	00002	4231
0020	0958 B	31211	478 B	2409	14843	0084	00008	3838
0030	0914	31390	425 B	2430	14831	0122	00018	3640
0050	0863	31838	405 B	2472	14820	0191	00046	3236
0075	0741	32979	301 B	2579	14792	0259	00088	2221
0101	0643	33786	223 B	2656	14768	0306	00129	1496
0126	0608	3408 C	194 B	2684	14762	0340	00168	1236
0151	0629	33894	211 B	2666	14772	0374	00215	1405

C-REF-NO 006	YR 1968	DEPTH 161	WAVES 1	XX	AIR T	VIS
CONS. NO 076	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 073
LAT 48-153N	DAY 06	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-070W	HR 03.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
039	0000	1120 B	30482		2325	14890
039	0005	1097	30469		2328	14882
039	0010	1072 B	30507		2335	14874
039	0020	0998 B	31158		2398	14857
039	0030	0898	31947		2476	14832
039	0049	0817	32279		2514	14808
039	0074	0730	33203		2599	14791
039	0098	0684	33677		2642	14783
039	0148	0663	33809		2655	14784

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1120 B	30482		2325	14890	0000	00000	4633
0010	1072 B	30507		2335	14874	0046	00002	4537
0020	0998 B	31158		2398	14857	0089	00009	3939
0030	0898	31947		2476	14832	0124	00018	3203
0050	0813	3231 B		2517	14807	0185	00042	2811
0075	0727	33229		2601	14790	0246	00080	2017
0101	0681	33706		2645	14782	0291	00120	1605
0126	0659	3390 B		2663	14780	0330	00164	1436
*0151	0664	33789		2653	14785	0367	00217	1529



C-REF-NO 006	YR 1968	DEPTH 187	WAVES 1 XX	AIR T	VIS
CONS. NO 077	MONTH 7	MXSAMPD 01	WAVES 2 XX	WET B	STN 074
LAT 48-250N	DAY 06	NO.DPTH 9	WND-DIR	WW-CODE	
LON 124-355W	HR 06.3	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
063	0000	1000 B	32218		2480	14868
063	0005	0950	32278		2493	14851
063	0009	0927 B	32380		2505	14845
063	0018	0816 B	32758		2551	14809
063	0027	0772	33056		2581	14798
063	0046	0728	33384		2613	14788
063	0069	0713	33504		2625	14787
063	0092	0704	33604		2634	14789
063	0138	0674	33776		2651	14787

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1000 B	32218		2480	14868	0000	00000	3153
0010	0915 B	3241 B		2510	14841	0030	00001	2875
0020	0803 B	32832		2559	14805	0057	00005	2407
0030	0762	3312 B		2588	14795	0080	00011	2132
0050	0724	3341 B		2616	14787	0120	00027	1869
0075	0711	33531		2627	14788	0166	00057	1770
0101	0700	33637		2637	14789	0209	00096	1681
0126	0684	33732		2646	14788	0250	00143	1593

C-REF-NO 006	YR 1968	DEPTH 221	WAVES 1	XX	AIR T	VIS
CONS. NO 078	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 075
LAT 48-280N	DAY 06	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-328W	HR 07.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
071	0000	1130 B	30879	573 B	2354	14898
071	0005	1095	30914	552 B	2363	14887
071	0010	1009 B	31080	505 B	2390	14859
071	0020	0882 B	31939	396 B	2477	14824
071	0030	0840	32309	366 B	2513	14814
071	0050	0742	33200	312	2597	14792
071	0075	0702	33602	307 B	2634	14785
071	0100	0682	33758	282 B	2649	14783
071	0150	0669 C	33890	258 B	2661	14788
071	0200	0624 B	33921	205 B	2669	14779

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1130 B	30879	573 B	2354	14898	0000	00000	4356
0010	1009 B	31080	505 B	2390	14859	0042	00002	4012
0020	0882 B	31939	396 B	2477	14824	0078	00007	3184
0030	0840	32309	366 B	2513	14814	0109	00015	2850
0050	0742	33200	312	2597	14792	0158	00034	2055
0075	0702	33602	307 B	2634	14785	0205	00064	1706
0101	0682	33758	282 B	2649	14783	0246	00101	1567
0126	0675 B	3384 B	270 B	2656	14786	0285	00145	1497
0151	0669 C	33890	258 B	2661	14788	0322	00198	1460
0176	0650 B	33920	234 B	2666	14785	0358	00258	1415
0201	0624 B	33921	205 B	2669	14779	0394	00326	1386

C-REF-NO 006	YR 1968	DEPTH 88	WAVES 1	XX	AIR T	VIS
CONS. NO 079	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 076
LAT 48-314N	DAY 06	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-300W	HR 07.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
077	0000	1090 B	31244		2390	14889
077	0005	0970	31358		2418	14847
077	0010	0957 B	31504		2432	14845
077	0020	0879 B	31741		2462	14820
077	0030	0836	32116		2498	14810
077	0050	0766	32785		2561	14795
077	0075	0682	33525		2630	14776

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1090 B	31244		2390	14889	0000	00000	4019
0010	0957 B	31504		2432	14845	0038	00002	3617
0020	0879 B	31741		2462	14820	0073	00007	3327
0030	0836	32116		2498	14810	0105	00015	2988
0050	0766	32785		2561	14795	0159	00037	2396
0075	0682	33525		2630	14776	0211	00069	1738





OCEANOGRAPHIC DATA CRUISE 007/68

28 JULY - 2 AUGUST 1968



C-REF-NO 007	YR 1968	DEPTH 216	WAVES 1	XX	AIR T	VIS
CONS. NO 001	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 001
LAT 49-200N	DAY 29	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-120W	HR 19.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
195	0000	1830 B	24609		1731	15052
195	0004	1801 B	24544		1733	15043
195	0009	1797 B				
195	0018	1133 B	28045		2134	14868
195	0027	1069	27718		2120	14842
195	0045	0973	29180		2248	14828
195	0067	0875	29605		2296	14800
195	0089	0844	29866		2321	14795
195	0134	0849 B	30408		2363	14811
195	0178	0854	30686		2384	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1830 B	24609		1731	15052	0000	00000	10344
0010	1723 I	2604 I		1864	15037	0097	00005	9057
0020	1119 I	2797 I		2131	14861	0175	00016	6493
0030	1051	2796 I		2142	14838	0239	00032	6394
0050	0947	2927 I		2260	14819	0356	00079	5263
0075	0859	2970 B		2307	14795	0483	00159	4817
0100	0841 B	3001 C		2333	14797	0600	00264	4571
0125	0844 B	3031 C		2356	14806	0713	00392	4357
0150	0850 B	30535		2373	14815	0820	00543	4200
0176	0853	30674		2383	14822	0924	00717	4105

C-REF-NO 007	YR 1968	DEPTH 263	WAVES 1	XX	AIR T	VIS
CONS. NO 002	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 002
LAT 49-242N	DAY 29	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-093W	HR 20.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
205	0000	1750 B	23473		1663	15014
205	0005	1710	23506		1674	15003
205	0010	1591 B	24478		1773	14978
205	0020	1086 B	28328		2164	14854
205	0030	0996	28911		2224	14830
205	0050	0904	29418		2277	14805
205	0075	0859 B	29804		2314	14797
205	0100	0857	30166		2343	14805
205	0150	0856	30515		2370	14817
205	0200	0849	30680		2384	14825
205	0250	0854	30781		2391	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1750 B	23473		1663	15014	0000	00000	11003
0010	1591 B	24478		1773	14978	0104	00005	9932
0020	1086 B	28328		2164	14854	0185	00016	6176
0030	0996	28911		2224	14830	0244	00031	5605
0050	0904	29418		2277	14805	0351	00075	5095
0075	0859 B	29804		2314	14797	0475	00153	4747
0100	0857	30166		2343	14805	0591	00256	4479
0125	0857	3038 D		2360	14811	0701	00383	4320
0151	0856	30515		2370	14817	0809	00534	4224
0176	0852	3061 B		2378	14821	0914	00708	4149
0201	0849	30680		2384	14825	1017	00907	4098
0226	0850	30741		2389	14830	1120	01130	4058
0251	0854	30781		2391	14836	1222	01377	4038



C-REF-NO 007	YR 1968	DEPTH 282	WAVES 1	XX	AIR T	VIS
CONS. NO 003	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 003
LAT 49-266N	DAY 29	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-200W	HR 21.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
217	0000	1550 B	26469	617 B	1934	14986
217	0005	1362	27135	721 B	2023	14933
217	0010	1112 B	28213	471 B	2151	14860
217	0020	1031 B	28731	456 B	2204	14839
217	0030	1002	28977	446	2228	14833
217	0050	0918	29452	441 B	2278	14811
217	0075	0841 B	29823	444 B	2318	14790
217	0100	0842	30158	439 B	2344	14799
217	0150	0847	30437	433 B	2365	14812
217	0200	0849	30693	370 B	2385	14825
217	0250	0860	30788	334	2391	14838

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1550 B	26469	617 B	1934	14986	0000	00000	8383
0010	1112 B	28213	471 B	2151	14860	0074	00003	6302
0020	1031 B	28731	456 B	2204	14839	0134	00012	5791
0030	1002	28977	446	2228	14833	0191	00027	5565
0050	0918	29452	441 B	2278	14811	0298	00070	5089
0075	0841 B	29823	444 B	2318	14790	0421	00148	4708
0100	0842	30158	439 B	2344	14799	0536	00251	4463
0125	0844	3029 I	439 B	2355	14806	0647	00378	4367
0151	0847	30437	433 B	2365	14812	0755	00530	4270
0176	0848	3057 B	403 B	2376	14819	0861	00707	4170
0201	0849	30693	370 B	2385	14825	0965	00906	4088
0226	0854	30758	350	2389	14831	1067	01128	4050
0251	0860	30788	334	2391	14838	1169	01375	4040

C-REF-NO 007	YR 1968	DEPTH 327	WAVES 1	XX	AIR T	VIS
CONS. NO 004	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 004
LAT 49-244N	DAY 29	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-220W	HR 22.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
224	0000	1790 B	24511		1733	15038
224	0004	1799	24356		1719	15040
224	0008	1628 B	25401		1836	15000
224	0016	1134 B	28050		2135	14867
224	0025	1057	28465		2180	14846
224	0041	0984	29084		2239	14829
224	0062	0906	29452		2280	14808
224	0082	0842	29749		2312	14791
224	0123	0859	30273		2351	14811
224	0164	0848 B	30493		2370	14816
224	0205	0854	30674		2383	14827
224	0246	0864				

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1790 B	24511		1733	15038	0000	00000	10327
0010	1504 I	2606 I		1912	14968	0094	00004	8592
0020	1100 I	2823 I		2155	14857	0169	00015	6267
0030	1029 B	2868 B		2201	14839	0229	00030	5826
0050	0949	2924 I		2257	14819	0341	00075	5292
0075	0861	29650		2302	14796	0468	00156	4865
0100	0849 I	3000 C		2331	14800	0587	00262	4588
0125	0859	30288		2352	14811	0700	00391	4394
0151	0852 B	3043 C		2365	14815	0809	00544	4277
0176	0849 B	30550		2374	14819	0915	00721	4191
0201	0853	30656		2382	14826	1020	00921	4122

C-REF-NO 007	YR 1968	DEPTH 69	WAVES 1 XX	AIR T	VIS
CONS. NO 005	MONTH 7	MXSAMPD 00	WAVES 2 XX	WET B	STN 077
LAT 49-286N	DAY 30	NO.DPTH 6	WND-DIR	WW-CODE	
LON 124-454W	HR 00.5	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
005	0000	1870 B	24186		1689	15059
005	0005	1781	24608		1742	15038
005	0010	1716 B	25038		1789	15023
005	0020	1183 B	28011		2123	14884
005	0030	1089	28486		2176	14858
005	0050	1049	28727		2201	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1870 B	24186		1689	15059	0000	00000	10744
0010	1716 B	25038		1789	15023	0102	00005	9781
0020	1183 B	28011		2123	14884	0184	00017	6570
0030	1089	28486		2176	14858	0248	00033	6064
0050	1049	28727		2201	14850	0367	00081	5826

C-REF-NO 007	YR 1968	DEPTH 26	WAVES 1	XX	AIR T	VIS
CONS. NO 006	MONTH 7	MXSAMPD 00	WAVES 2	XX	WET B	STN 078
LAT 49-396N	DAY 30	NO.DPTH 4	WND-DIR		WW-CODE	
LON 124-558W	HR 02.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
020	0000	1770 B	24935		1769	15037
020	0005	1623 C	25816		1869	15003
020	0010	1323 B	27393		2050	14924
020	0020	1136 B	28336		2156	14872

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1770 B	24935		1769	15037	0000	00000	9972
0010	1323 B	27393		2050	14924	0086	00004	7269
0020	1136 B	28336		2156	14872	0154	00014	6251



C-REF-NO 007	YR 1968	DEPTH 322	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 005
LAT 49-274N	DAY 30	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-308W	HR 04.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
046	0000	1880 B	23859		1662	15058
046	0005	1834	24180		1697	15049
046	0010	1543 B	25970		1897	14980
046	0020	1131 B	28203		2147	14868
046	0030	1052	28571		2189	14846
046	0050	0948	29243		2257	14819
046	0075	0892 B	29617		2295	14807
046	0099	0838	30115		2342	14797
046	0149	0848	30578		2376	14815
046	0198	0858	30729		2387	14828
046	0247	0866	30802		2391	14840
046	0297	0862				

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1880 B	23859		1662	15058	0000	00000	11007
0010	1543 B	25970		1897	14980	0099	00004	8736
0020	1131 B	28203		2147	14868	0174	00015	6341
0030	1052	28571		2189	14846	0236	00031	5943
0050	0948	29243		2257	14819	0348	00076	5289
0075	0892 B	29617		2295	14807	0476	00158	4933
0100	0837	30130		2343	14797	0595	00262	4478
0125	0833 D	3035 I		2361	14802	0705	00389	4307
0151	0848	30583		2377	14815	0811	00538	4163
0176	0853	3068 C		2384	14822	0915	00711	4100
0201	0858	30734		2387	14829	1018	00908	4072
0226	0863	30783		2390	14835	1120	01130	4045

C-REF-NO 007	YR 1968	DEPTH 190	WAVES 1	XX	AIR T	VIS
CONS. NO 008	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 006
LAT 49-306N	DAY 30	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-276W	HR 05.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
055	0000	1780 B	24953	695 B	1768	15040
055	0005	1591	25606	715 B	1860	14990
055	0010	1439 B	26532	709 B	1962	14953
055	0020	1080 B	28069	471 B	2145	14848
055	0030	1010	28698	442 B	2205	14832
055	0050	0947	29296	428 B	2262	14819
055	0075	0838	29854	439 B	2321	14789
055	0100	0844	30227	438 B	2349	14800
055	0150	0849 B	30558	399 B	2375	14815

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1780 B	24953	695 B	1768	15040	0000	00000	9981
0010	1439 B	26532	709 B	1962	14953	0090	00004	8120
0020	1080 B	28069	471 B	2145	14848	0163	00015	6358
0030	1010	28698	442 B	2205	14832	0224	00030	5784
0050	0947	29296	428 B	2262	14819	0334	00075	5249
0075	0838	29854	439 B	2321	14789	0459	00153	4681
0100	0844	30227	438 B	2349	14800	0573	00255	4414
0125	0840 C	30465	425 B	2368	14806	0682	00380	4236
0151	0849 B	30558	399 B	2375	14815	0788	00528	4182

C-REF-NO 007	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 009	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 007
LAT 49-345N	DAY 30	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-241W	HR 06.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
066	0000	1530 B	26727		1958	14983
066	0005	1406	27069		2009	14947
066	0010	1162 B	27821		2112	14873
066	0020	1061 B	28268		2164	14844
066	0030	1027	28232		2166	14833
066	0050	0907	29484		2282	14807
066	0075	0851	29807		2316	14794
066	0100	0837	30016		2334	14795
066	0150	0843 B	30383		2362	14810
066	0200		30513			
066	0250	0846	30554		2375	14838
066	0300	0850	30589		2377	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1530 B	26727		1958	14983	0000	00000	8153
0010	1162 B	27821		2112	14873	0074	00003	6675
0020	1061 B	28268		2164	14844	0139	00013	6181
0030	1027	28232		2166	14833	0200	00029	6157
0050	0907	29484		2282	14807	0313	00074	5050
0075	0851	29807		2316	14794	0436	00152	4734
0100	0837	30016		2334	14795	0552	00256	4562
0125	0837 B	3021 C		2350	14802	0665	00385	4414
0151	0843 B	30383		2362	14810	0775	00539	4304
0176	0844 B	3046 B		2368	14816	0882	00717	4245
0201	0845 B	30513		2372	14821	0988	00921	4216
0226	0845	30539		2374	14825	1094	01151	4201
0251	0846	30554		2375	14830	1200	01408	4194
0301	0850	30589		2377	14840	1410	02001	4180

C-REF-NO 007	YR 1968	DEPTH 340	WAVES 1	XX	AIR T	VIS
CONS. NO 010	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 008
LAT 49-393N	DAY 30	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-328W	HR 07.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
077	0000	1270 B	27761		2088	14909
077	0005	1269	27682		2082	14908
077	0010	1196 B	27905		2113	14886
077	0019	1041 B	28713		2201	14842
077	0029	0996	29024		2233	14831
077	0049	0909	29517		2284	14808
077	0073	0843	29830		2319	14791
077	0097	0837	30059		2337	14795
077	0146	0843	30348		2359	14809
077	0195	0842	30471		2369	14818
077	0244	0845	30554		2375	14829
077	0293	0849	30590		2377	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1270 B	27761		2088	14909	0000	00000	6902
0010	1196 B	27905		2113	14886	0068	00003	6669
0020	1033 B	2875 C		2206	14840	0130	00013	5774
0030	0991	29053		2236	14830	0187	00027	5492
0050	0905	29534		2286	14807	0292	00070	5011
0075	0841	29852		2320	14791	0414	00147	4686
0100	0837	30082		2339	14796	0529	00250	4512
0125	0839	30249		2352	14803	0641	00378	4395
0151	0843	30362		2360	14810	0751	00532	4320
0176	0843	3043 B		2366	14815	0859	00712	4269
0201	0842	30481		2370	14819	0965	00917	4236
0226	0844	30527		2373	14825	1071	01147	4207
0251	0845	30561		2375	14830	1177	01404	4188



C-REF-NO 007	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 011	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 009
LAT 49-355N	DAY 30	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-385W	HR 08.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
089	0000	1540 B	26024	780 B	1902	14978
089	0005	1549	25984	792 B	1897	14981
089	0010	1548 B	25983	787 B	1897	14982
089	0020	1143 B	27836	487	2117	14868
089	0030	1027	28595	470	2194	14837
089	0050	0954	29202	448 B	2253	14821
089	0075	0847 B	29782	439 B	2314	14792
089	0100	0838	30183	422 B	2347	14798
089	0150	0849	30531	349 B	2372	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1540 B	26024	780 B	1902	14978	0000	00000	8691
0010	1548 B	25983	787 B	1897	14982	0087	00004	8737
0020	1143 B	27836	487	2117	14868	0164	00016	6632
0030	1027	28595	470	2194	14837	0227	00031	5888
0050	0954	29202	448 B	2253	14821	0339	00077	5329
0075	0847 B	29782	439 B	2314	14792	0466	00157	4747
0100	0838	30183	422 B	2347	14798	0581	00259	4439
0125	0833 B	30434	392 B	2367	14803	0690	00384	4248
0151	0849	30531	349 B	2372	14814	0796	00534	4202

C-REF-NO 007	YR 1968	DEPTH 88	WAVES 1	XX	AIR T	VIS
CONS. NO 012	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 010
LAT 49-407N	DAY 30	NO.DPTH 7	WNO-DIR		WW-CODE	
LON 124-472W	HR 10.2	W-COLOR	WNO-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
102	0000	1490 B	26313		1935	14965
102	0005	1458	26392		1947	14956
102	0010	1430 B	26537		1964	14950
102	0020	1008 B	26451		2031	14801
102	0030	1476	28761		2125	14995
102	0050	0936	29338		2266	14816
102	0075	0851	29918		2324	14795

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1490 B	26313		1935	14965	0000	00000	8379
0010	1430 B	26537		1964	14950	0082	00004	8099
0020	1008 B	26451		2031	14801	0160	00016	7451
0030	1476	28761		2125	14995	0230	00034	6557
0050	0936	29338		2266	14816	0348	00080	5201
0075	0851	29918		2324	14795	0472	00158	4651

C-REF-NO 007	YR 1968	DEPTH 307	WAVES 1	XX	AIR T	VIS
CONS. NO 013	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 011
LAT 49-414N	DAY 30	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-433W	HR 10.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
109	0000	1410 B	26694		1980	14943
109	0005	1402	26688		1981	14941
109	0010	1335 B	26867		2007	14922
109	0019	1010 B	28662		2202	14830
109	0029	0968	29011		2236	14820
109	0048	0914	29483		2281	14809
109	0072	0849	29934		2326	14794
109	0097	0834	30181		2347	14796
109	0145	0839 B	30394		2363	14808
109	0193	0840	30497		2371	14818
109	0242	0843	30547		2375	14827

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1410 B	26694		1980	14943	0000	00000	7945
0010	1335 B	26867		2007	14922	0078	00004	7680
0020	0998 C	2869 I		2207	14826	0146	00014	5766
0030	0965	29040		2239	14820	0202	00028	5462
0050	0908	29528		2286	14808	0307	00071	5018
0075	0845	29972		2329	14794	0428	00147	4603
0100	0834	30201		2349	14796	0541	00248	4420
0125	0834 B	3033 C		2359	14802	0651	00374	4326
0151	0839 B	30409		2364	14809	0759	00526	4280
0176	0840	30468		2369	14814	0866	00704	4240
0201	0840	30508		2372	14819	0972	00908	4214
0226	0842	30537		2374	14824	1078	01138	4197

C-REF-NO 007	YR 1968	DEPTH 347	WAVES 1	XX	AIR T	VIS
CONS. NO 014	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 012
LAT 49-435N	DAY 30	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-408W	HR 11.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
118	0000	1250 B	27290	620 B	2056	14896
118	0005	1224	27314	607 B	2062	14888
118	0010	1054 B	28181	468 B	2158	14839
118	0020	0990 B	28784	443 B	2215	14824
118	0030	0972	29069	444 B	2240	14823
118	0050	0904	29553	444 B	2288	14807
118	0075	0843	29947	442 B	2328	14792
118	0100	0836	30212	440 B	2349	14797
118	0150	0843	30429	414 B	2365	14811
118	0200	0842	30517	380	2372	14820
118	0250	0847	30570	386	2376	14831
118	0300	0849	30588	382 B	2377	14840

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1250 B	27290	620 B	2056	14896	0000	00000	7215
0010	1054 B	28181	468 B	2158	14839	0067	00003	6234
0020	0990 B	28784	443 B	2215	14824	0127	00012	5689
0030	0972	29069	444 B	2240	14823	0183	00026	5452
0050	0904	29553	444 B	2288	14807	0288	00069	4995
0075	0843	29947	442 B	2328	14792	0408	00145	4618
0100	0836	30212	440 B	2349	14797	0522	00246	4415
0125	0838	3035 D	429 B	2360	14804	0631	00372	4314
0151	0843	30429	414 B	2365	14811	0739	00524	4269
0176	0843	3048 B	395	2370	14816	0846	00702	4232
0201	0842	30517	380	2372	14820	0952	00905	4209
0226	0844	30548	381	2374	14825	1058	01135	4193
0251	0847	30570	386	2376	14831	1163	01391	4184
0301	0849	30588	382 B	2377	14840	1373	01983	4180



C-REF-NO 007	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 015	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 013
LAT 49-554N	DAY 30	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-553W	HR 13.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
137	0000	1230 B	27211		2053	14888
137	0005	1037	28357		2174	14834
137	0010	1030 B	28402		2179	14833
137	0020		28976			
137	0030	0934	29349		2268	14814
137	0050	0865	29668		2303	14795
137	0075	0840	29877		2323	14792
137	0100	0832	30087		2340	14796
137	0150	0839	30406		2364	14811
137	0200	0841	30512		2372	14821

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1230 B	27211		2053	14888	0000	00000	7240
0010	1030 B	28402		2179	14833	0066	00003	6033
0020	0987 C	28976		2230	14826	0125	00012	5542
0030	0934	29349		2268	14812	0178	00026	5188
0050	0865	29668		2303	14793	0279	00066	4854
0075	0840	29877		2323	14790	0399	00142	4666
0100	0832	30087		2340	14794	0514	00245	4502
0125	0834	30268		2354	14801	0625	00373	4372
0151	0839	30406		2364	14809	0734	00526	4281
0176	0840	30485		2370	14815	0841	00704	4228
0201	0841	30512		2372	14819	0947	00907	4212

C-REF-NO 007	YR 1968	DEPTH 307	WAVES 1	XX	AIR T	VIS
CONS. NO 016	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 014
LAT 49-529N	DAY 30	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-594W	HR 14.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
147	0000	1250 B	27308	710 B	2057	14896
147	0005	1216	27382	693 B	2069	14886
147	0010	1144 B	27956	629 B	2126	14868
147	0020	0966 B	29026	493 B	2238	14818
147	0030	0955	29218	484 B	2254	14818
147	0050	0927	29406	466 B	2273	14813
147	0075	0832	30105	444 B	2342	14790
147	0100	0838	30261	433 B	2353	14799
147	0150	0841	30456	412 B	2368	14810
147	0200	0840	30507	387	2372	14819
147	0250	0843	30541	388 B	2374	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1250 B	27308	710 B	2057	14896	0000	00000	7203
0010	1144 B	27956	629 B	2126	14868	0069	00003	6545
0020	0966 B	29026	493 B	2238	14818	0129	00012	5473
0030	0955	29218	484 B	2254	14818	0183	00026	5316
0050	0927	29406	466 B	2273	14813	0288	00069	5137
0075	0832	30105	444 B	2342	14790	0409	00145	4485
0100	0838	30261	433 B	2353	14799	0520	00244	4380
0125	0840	30377	423 B	2362	14805	0629	00370	4302
0151	0841	30456	412 B	2368	14810	0737	00521	4247
0176	0840	3049 B	398	2371	14815	0843	00698	4223
0201	0840	30507	387	2372	14819	0949	00901	4214
0226	0841	30529	385	2373	14824	1055	01131	4203
0251	0843	30541	388 B	2374	14829	1160	01388	4200

C-REF-NO 007	YR 1968	DEPTH 121	WAVES 1	XX	AIR T	VIS
CONS. NO 017	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 015
LAT 49-516N	DAY 30	NO.DPTH 8	WND-DIR		WW-CODE	
LON 125-016W	HR 15.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
153	0000	1380 B	26962		2006	14936
153	0005	1376	26946		2006	14936
153	0010	1342 B	27087		2023	14927
153	0020	0978 B	28980		2232	14822
153	0030	0968	29144		2246	14822
153	0050	0936	29372		2269	14816
153	0075	0846	30058		2336	14795
153	0100	0837 B	30312		2357	14799

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1380 B	26962		2006	14936	0000	00000	7691
0010	1342 B	27087		2023	14927	0076	00004	7531
0020	0978 B	28980		2232	14822	0142	00013	5526
0030	0968	29144		2246	14822	0196	00027	5390
0050	0936	29372		2269	14816	0302	00070	5175
0075	0846	30058		2336	14795	0424	00147	4540
0100	0837 B	30312		2357	14799	0536	00247	4341

C-REF-NO 007	YR 1968	DEPTH 168	WAVES 1	XX	AIR T	VIS
CONS. NO 018	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 016
LAT 49-572N	DAY 30	NO.DPTH 9	WND-DIR		WW-CODE	
LON 125-074W	HR 16.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
163	0000	1070 B	28617	590 B	2189	14848
163	0005	0983 B	28945	524 B	2229	14821
163	0010	0953 B	29284	490 B	2260	14815
163	0020	0935 B	29396	479 B	2271	14811
163	0030	0921	29529	472 B	2284	14809
163	0050	0897	29692	461 B	2300	14806
163	0075	0854 B	30029	429 B	2332	14798
163	0100	0835	30274	412 B	2354	14798
163	0150	0841	30434	392 B	2366	14810

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1070 B	28617	590 B	2189	14848	0000	00000	5934
0010	0953 B	29284	490 B	2260	14815	0056	00003	5261
0020	0935 B	29396	479 B	2271	14811	0108	00011	5152
0030	0921	29529	472 B	2284	14809	0159	00024	5034
0050	0897	29692	461 B	2300	14806	0259	00064	4881
0075	0854 B	30029	429 B	2332	14798	0378	00140	4574
0100	0835	30274	412 B	2354	14798	0490	00240	4367
0126	0830	30408	399 B	2366	14802	0598	00364	4264
0151	0841	30434	392 B	2366	14810	0705	00515	4263



C-REF-NO 007	YR 1968	DEPTH 256	WAVES 1	XX	AIR T	VIS
CONS. NO 019	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 017
LAT 49-588N	DAY 30	NO.DPTH 10	WND-DIR		WW-CODE	
LON 125-044W	HR 17.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
171	0000	1260 B	27577		2076	14903
171	0005	1170	27761		2106	14874
171	0010	1103 B	28175		2149	14856
171	0020	1005 B	28851		2218	14831
171	0030	0953	29226		2255	14818
171	0050	0906	29416		2277	14806
171	0075	0839	29946		2328	14791
171	0100	0833	30126		2343	14795
171	0150	0840	30432		2366	14810
171	0200	0839	30486		2370	14818

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1260 B	27577		2076	14903	0000	00000	7020
0010	1103 B	28175		2149	14856	0067	00003	6315
0020	1005 B	28851		2218	14831	0127	00012	5661
0030	0953	29226		2255	14818	0182	00026	5307
0050	0906	29416		2277	14806	0286	00069	5100
0075	0839	29946		2328	14791	0408	00146	4613
0100	0833	30126		2343	14795	0522	00248	4474
0125	0835	3029 C		2356	14802	0633	00375	4352
0151	0840	30432		2366	14810	0741	00527	4263
0176	0840	30488		2370	14815	0848	00704	4224
0201	0839	30486		2370	14818	0954	00908	4228

C-REF-NO 007	YR 1968	DEPTH 143	WAVES 1	XX	AIR T	VIS
CONS. NO 020	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 018
LAT 49-592N	DAY 30	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-589W	HR 17.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
178	0000	1550 B	23479		1706	14951
178	0005	1092 B	28039		2141	14850
178	0010	1004 B	28242		2171	14821
178	0020	0930 B	28873		2231	14803
178	0030	0921 B	29079		2249	14804
178	0050	0894 B	29473		2283	14802
178	0075	0853	29882		2321	14795
178	0100	0845	30017		2333	14798

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1550 B	23479		1706	14951	0000	00000	10587
0010	1004 B	28242		2171	14821	0084	00003	6112
0020	0930 B	28873		2231	14803	0142	00012	5535
0030	0921 B	29079		2249	14804	0197	00026	5370
0050	0894 B	29473		2283	14802	0301	00068	5040
0075	0853	29882		2321	14795	0423	00146	4680
0100	0845	30017		2333	14798	0539	00249	4573

C-REF-NO 007	YR 1968	DEPTH 282	WAVES 1	XX	AIR T	VIS
CONS. NO 021	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 019
LAT 50-012N	DAY 30	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-527W	HR 18.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
186	0000	1390 B	25309		1877	14920
186	0005	1210	26842		2028	14877
186	0010	1029 B	28069		2153	14828
186	0020	0933 B	28754		2221	14802
186	0030	0912	29086		2250	14800
186	0050	0892	29433		2280	14800
186	0075	0856	29987		2329	14798
186	0100	0856	30175		2344	14804
186	0150	0870	30425		2361	14821
186	0200		30502			
186	0250	0872	30529		2369	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1390 B	25309		1877	14920	0000	00000	8931
0010	1029 B	28069		2153	14828	0076	00003	6279
0020	0933 B	28754		2221	14802	0136	00012	5628
0030	0912	29086		2250	14800	0191	00026	5351
0050	0892	29433		2280	14800	0295	00069	5067
0075	0856	29987		2329	14798	0417	00145	4607
0100	0856	30175		2344	14804	0531	00247	4470
0125	0862	30321		2354	14813	0642	00375	4374
0151	0870	30425		2361	14821	0751	00528	4311
0176	0873	3047 B		2365	14827	0859	00708	4280
0201	0874	30502		2366	14832	0966	00914	4267
0226	0874	30524		2368	14836	1073	01147	4253
0251	0872	30529		2369	14840	1180	01406	4250

C-REF-NO 007	YR 1968	DEPTH 282	WAVES 1	XX	AIR T	VIS
CONS. NO 022	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 020
LAT 49-472N	DAY 30	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-323W	HR 21.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
210	0000	1470 B	26295	650 B	1937	14958
210	0005	1237	27190	514 B	2050	14891
210	0010	1061 B	28314	448 B	2167	14843
210	0020	0974 B	28909	423 B	2227	14820
210	0030	0927	29230	417	2259	14808
210	0050	0845	29549	437 B	2296	14784
210	0075	0828	29849	437 B	2322	14785
210	0100	0814	29995	430 B	2336	14786
210	0150	0864	30546	341 B	2371	14820
210	0200		30742	295 B		
210	0250	0870	30820	287 B	2392	14851

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1470 B	26295	650 B	1937	14958	0000	00000	8354
0010	1061 B	28314	448 B	2167	14843	0073	00003	6146
0020	0974 B	28909	423 B	2227	14820	0131	00012	5572
0030	0927	29230	417	2259	14808	0186	00026	5266
0050	0845	29549	437 B	2296	14784	0288	00067	4915
0075	0828	29849	437 B	2322	14785	0408	00144	4671
0100	0814	29995	430 B	2336	14786	0524	00247	4547
0125	0834 C	3027 I	389 C	2354	14801	0636	00376	4372
0151	0864	30546	341 B	2371	14820	0744	00527	4213
0176	0874 B	3067 C	313 B	2380	14830	0849	00701	4134
0201	0878 B	30742	295 B	2385	14836	0952	00900	4094
0226	0877	30801	286 B	2389	14841	1054	01122	4052
0251	0870	30820	287 B	2392	14843	1156	01369	4032



C-REF-NO 007	YR 1968	DEPTH 315	WAVES 1	XX	AIR T	VIS
CONS. NO 023	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 021
LAT 49-438N	DAY 30	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-220W	HR 22.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
222	0000	1730 B	24435		1740	15019
222	0005	1676	25111		1804	15011
222	0010	1163 B	27475		2085	14869
222	0020	0978 B	28749		2214	14819
222	0030	0947	29123		2248	14814
222	0050	0867	29454		2286	14791
222	0075	0834	29745		2313	14786
222	0100	0830	30015		2335	14792
222	0150	0857 B	30489		2368	14817
222	0200		30719			
222	0250	0864	30798		2391	14848
222	0300	0852	30833		2396	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1730 B	24435		1740	15019	0000	00000	10253
0010	1163 B	27475		2085	14869	0086	00004	6932
0020	0978 B	28749		2214	14819	0149	00013	5697
0030	0947	29123		2248	14814	0205	00027	5374
0050	0867	29454		2286	14791	0309	00069	5016
0075	0834	29745		2313	14786	0432	00147	4757
0100	0830	30015		2335	14792	0548	00251	4554
0125	0842 B	3027 B		2353	14804	0661	00380	4380
0151	0857 B	30489		2368	14817	0769	00532	4245
0176	0864 B	3062 B		2378	14825	0874	00708	4154
0201	0867 B	30719		2384	14832	0978	00906	4095
0226	0867	3077 B		2388	14837	1081	01129	4061
0251	0864	30798		2391	14840	1182	01377	4040
0301	0852	30833		2396	14844	1385	01946	4002

C-REF-NO 007	YR 1968	DEPTH 347	WAVES 1	XX	AIR T	VIS
CONS. NO 024	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 022
LAT 49-403N	DAY 30	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-153W	HR 23.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
235	0000	1810 B	24286		1711	15042
235	0005	1440 C	25536		1885	14940
235	0010	1274 B	26436		1985	14895
235	0020	0998 B	28668		2205	14826
235	0030	0930 B	29181		2255	14808
235	0050	0867 B	29495		2289	14792
235	0075	0830	29736		2313	14785
235	0100	0834	30056		2337	14794
235	0150	0849	30436		2365	14813
235	0200	0861	30682		2382	14829
235	0250	0860	30775		2390	14838
235	0300	0852	30815		2394	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1810 B	24286		1711	15042	0000	00000	10537
0010	1274 B	26436		1985	14895	0092	00004	7890
0020	0998 B	28668		2205	14826	0161	00014	5787
0030	0930 B	29181		2255	14808	0216	00028	5307
0050	0867 B	29495		2289	14792	0319	00070	4985
0075	0830	29736		2313	14785	0442	00148	4758
0100	0834	30056		2337	14794	0558	00251	4527
0125	0841	3027 C		2354	14804	0670	00380	4377
0151	0849	30436		2365	14813	0779	00533	4273
0176	0856	30577		2375	14822	0885	00709	4181
0201	0861	30682		2382	14829	0989	00909	4115
0226	0862	3074 B		2387	14834	1092	01133	4074
0251	0860	30775		2390	14838	1194	01381	4050
0301	0852	30815		2394	14844	1397	01952	4016

C-REF-NO 007	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 025	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 023
LAT 49-351N	DAY 31	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-096W	HR 00.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
005	0000	2080 B	24268		1644	15120
005	0005		25783			
005	0010		26513			
005	0020		28767			
005	0030	0934	29169		2254	14813
005	0050	0871	29477		2287	14796
005	0075	0847 B	29833		2318	14796
005	0100	0842 B	30102		2340	14801
005	0150	0853	30546		2373	14819
005	0200	0858 B	30724		2386	14832
005	0250	0853	30786		2392	14839
005	0300	0854 B	30825		2395	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	2080 B	24268		1644	15120	0000	00000	11181
0010	1698 I	26513		1906	15035	0099	00004	8659
0020	1316 I	28767		2157	14940	0174	00015	6245
0030	0934	29169		2254	14810	0232	00030	5322
0050	0871	29477		2287	14793	0335	00072	5004
0075	0847 B	29833		2318	14792	0457	00149	4708
0100	0842 B	30102		2340	14798	0573	00252	4505
0125	0846 B	3034 B		2359	14807	0684	00380	4331
0151	0853	30546		2373	14816	0791	00530	4197
0176	0856	3065 B		2381	14823	0895	00704	4122
0201	0858 B	30724		2386	14829	0998	00901	4079
0226	0856	3076 B		2390	14832	1101	01123	4050
0251	0853	30786		2392	14836	1202	01370	4032
0301	0854 B	30825		2395	14845	1404	01939	4011



C-REF-NO 007	YR 1968	DEPTH 421	WAVES 1	XX	AIR T	VIS
CONS. NO 026	MONTH 7	MXSAMPD 04	WAVES 2	XX	WET B	STN 024
LAT 49-302N	DAY 31	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-060W	HR 01.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
016	0000	1810 B	24751	771 B	1746	15047
016	0005	1537 B	25176	761 B	1838	14968
016	0010		26458	565 B		
016	0020	0965 B	29077	444 B	2242	14819
016	0030	0934	29245	452	2260	14812
016	0050	0870	29546	445 B	2292	14794
016	0075	0842	29824	445 B	2318	14791
016	0100	0828 B	30159	422 B	2346	14794
016	0150	0852 B	30512	383 B	2370	14816
016	0200		30700	352 B		
016	0250	0852 B	30783	345	2392	14843
016	0300	0852 B	30850	374 B	2397	14852
016	0400	0870 B	30947	368 B	2402	14877

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1810 B	24751	771 B	1746	15047	0000	00000	10196
0010	1346 I	26458	565 B	1974	14920	0091	00004	8002
0020	0965 B	29077	444 B	2242	14819	0158	00014	5434
0030	0934	29245	452	2260	14811	0212	00027	5265
0050	0870	29546	445 B	2292	14794	0314	00069	4951
0075	0842	29824	445 B	2318	14790	0436	00146	4709
0100	0828 B	30159	422 B	2346	14793	0551	00248	4443
0125	0837 B	3037 D	401 B	2362	14804	0660	00374	4299
0151	0852 B	30512	383 B	2370	14815	0767	00525	4220
0176	0855 B	30623	365 B	2379	14822	0872	00699	4146
0201	0856 B	30700	352 B	2385	14827	0976	00898	4094
0226	0855 B	30749	345	2389	14832	1078	01121	4059
0251	0852 B	30783	345	2392	14835	1180	01368	4032
0301	0852 B	30850	374 B	2397	14844	1382	01936	3989
0402	0870 B	30947	368 B	2402	14869	1782	03368	3959



C-REF-NO 007	YR 1968	DEPTH 307	WAVES 1	XX	AIR T	VIS
CONS. NO 027	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 025
LAT 49-276N	DAY 31	NO.DPTH 11	WND-DIR		WW-CODE	
LOX 124-076W	HR 02.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
023	0000	1770 B	24393		1728	15031
023	0005	1542	25187		1838	14969
023	0010	1242 B	27602		2081	14899
023	0020	1011 B	28864		2218	14833
023	0030	0969	29101		2243	14822
023	0050	0875	29562		2293	14796
023	0075	0856 B	29927		2324	14797
023	0100	0853	30191		2345	14803
023	0150	0849 B	30466		2367	14814
023	0200	0851 B	30688		2384	14825
023	0250	0855	30839		2396	14837

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1770 B	24393		1728	15031	0000	00000	10370
0010	1242 B	27602		2081	14899	0087	00004	6971
0020	1011 B	28864		2218	14833	0150	00013	5662
0030	0969	29101		2243	14822	0206	00027	5424
0050	0875	29562		2293	14796	0310	00069	4946
0075	0856 B	29927		2324	14797	0430	00146	4651
0100	0853	30191		2345	14803	0544	00247	4454
0125	0850	3035 D		2358	14809	0655	00374	4334
0151	0849 B	30466		2367	14814	0763	00526	4251
0176	0849 B	30585		2377	14819	0868	00702	4167
0201	0851 B	30688		2384	14825	0972	00901	4095
0226	0853	30772		2391	14831	1074	01123	4038
0251	0855	30839		2396	14837	1175	01368	3996

C-REF-NO 007	YR 1968	DEPTH 260	WAVES 1 XX	AIR T	VIS
CONS. NO 028	MONTH 7	MXSAMPD 02	WAVES 2 XX	WET B	STN 026
LAT 49-143N	DAY 31	NO.DPTH 10	WND-DIR	WW-CODE	
LON 123-510W	HR 04.3	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
043	C000	1740 B	24364		1733	15021
043	C005	1707	24381		1741	15012
043	0010	1707 B	24918		1782	15019
043	C020	1111 B	28019		2136	14859
043	0030	1048	28656		2196	14846
043	0050	0932	29316		2265	14814
043	0075	0845 B	29727		2310	14790
043	0100	0851	30028		2333	14801
043	0150	0861	30499		2368	14819
043	0200	0849	30691		2385	14825

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1740 B	24364		1733	15021	0000	00000	10327
0010	1707 B	24918		1782	15019	0101	00005	9850
0020	1111 B	28019		2136	14859	0182	00017	6445
0030	1048	28656		2196	14846	0244	00032	5873
0050	0932	29316		2265	14814	0355	00077	5212
0075	0845 B	29727		2310	14790	0481	00156	4785
0100	0851	30028		2333	14801	0598	00261	4572
0125	0858	3029 B		2352	14811	0711	00390	4389
0150	0861	30499		2368	14819	0819	00542	4243
0176	0858	30629		2379	14823	0924	00717	4145
0201	0849	30691		2385	14825	1028	00916	4090

C-REF-NO 007	YR 1968	DEPTH 351	WAVES 1	XX	AIR T	VIS
CONS. NO 029	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 027
LAT 49-190N	DAY 31	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-482W	HR 05.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
052	0000	1830 B	20804	671 B	1442	15008
052	0005	1459	25372	637 B	1869	14944
052	0010	1090 B	27947	503 B	2134	14849
052	0020	0930 B	29142	452 B	2252	14806
052	0030	0909	29342	448 B	2271	14803
052	0050	0855	29542	453 B	2294	14788
052	0075	0841 B	29819	451 B	2318	14790
052	0100	0858	30210	428 B	2346	14806
052	0150	0870 B	30525	406 B	2369	14822
052	0200		30659	395 B		
052	0250	0855	30762	384	2390	14844
052	0300	0860	30846	374 B	2395	14855

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1830 B	20804	671 B	1442	15008	0000	00000	13142
0010	1090 B	27947	503 B	2134	14849	0098	00003	6464
0020	0930 B	29142	452 B	2252	14806	0157	00012	5334
0030	0909	29342	448 B	2271	14803	0210	00025	5156
0050	0855	29542	453 B	2294	14788	0311	00067	4934
0075	0841 B	29819	451 B	2318	14790	0432	00144	4711
0100	0858	30210	428 B	2346	14806	0547	00246	4448
0125	0867	3036 I	414 B	2357	14815	0657	00373	4345
0151	0870 B	30525	406 B	2369	14822	0765	00524	4236
0176	0867 B	3060 B	400 B	2376	14826	0871	00700	4177
0201	0864 B	30659	395 B	2380	14830	0975	00900	4135
0226	0860 B	30714	389	2385	14833	1079	01125	4092
0251	0855	30762	384	2390	14836	1181	01374	4052
0301	0860	30846	374 B	2395	14847	1384	01944	4005

C-REF-NO 007	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 030	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 028
LAT 49-241N	DAY 31	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-455W	HR 06.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
061	0000	1770 B	21281		1492	14995
061	0005	1351	26385		1967	14920
061	0010	1201 B	27373		2071	14881
061	0020	1008 B	28665		2203	14829
061	0030	0945	29176		2252	14814
061	0050	0895	29574		2291	14803
061	0075	0873	29844		2315	14803
061	0100	0865	30117		2338	14807

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1770 B	21281		1492	14995	0000	00000	12661
0010	1201 B	27373		2071	14881	0099	00004	7071
0020	1008 B	28665		2203	14829	0163	00013	5804
0030	0945	29176		2252	14814	0219	00027	5333
0050	0895	29574		2291	14803	0322	00069	4967
0075	0873	29844		2315	14803	0444	00146	4738
0100	0865	30117		2338	14807	0560	00250	4526



C-REF-NO 007	YR 1968	DEPTH 318	WAVES 1	XX	AIR T	VIS
CONS. NO 031	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 079
LAT 49-173N	DAY 31	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-350W	HR 07.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
074	0000	1820 B	19990		1383	14995
074	0005	1709	21785		1543	14983
074	0010	1119 B	27812		2119	14858
074	0020	0974 B	28833		2221	14819
074	0030	0918	29300		2266	14805
074	0050	0868	29594		2297	14793
074	0075	0874	29968		2325	14805
074	0100	0885	30214		2342	14816
074	0150	0886	30665		2377	14830
074	0200		30822			
074	0250	0885	30862		2393	14857
074	0300	0884	30875		2394	14865

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	1820 B	19990		1383	14995	0000	00000	13721
0010	1119 B	27812		2119	14858	0101	00003	6610
0020	0974 B	28833		2221	14819	0163	00012	5628
0030	0918	29300		2266	14805	0217	00026	5201
0050	0868	29594		2297	14793	0319	00067	4913
0075	0874	29968		2325	14805	0439	00144	4647
0100	0885	30214		2342	14816	0553	00246	4482
0125	0887	3046 C		2361	14824	0664	00373	4305
0151	0886	30665		2377	14830	0770	00522	4155
0176	0886	3076 C		2386	14836	0873	00694	4082
0201	0886	30822		2390	14840	0975	00890	4046
0226	0885	30851		2392	14845	1077	01110	4029
0251	0885	30862		2393	14849	1178	01356	4022
0301	0884	30875		2394	14857	1380	01926	4018

C-REF-NO 007	YR 1968	DEPTH 181	WAVES 1	XX	AIR T	VIS
CONS. NO 032	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 029
LAT 49-236N	DAY 31	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-254W	HR 08.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
087	0000	1800 B	08361	726 B	0504	14858
087	0005	1352	25162	525 B	1873	14906
087	0010	1187 B	26423	477 B	2000	14865
087	0020	0980 B	28300	455 B	2179	14814
087	0030	0928	28851	455 B	2230	14803
087	0050	0897	29443	447 B	2280	14803
087	0075	0874 B	29825	436 B	2314	14803
087	0100	0867	30156	429 B	2341	14808
087	0150	0843 C	30602	377 B	2379	14813

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1800 B	08361	726 B	0504	14858	0000	00000	22345
0010	1187 B	26423	477 B	2000	14865	0149	00004	7752
0020	0980 B	28300	455 B	2179	14814	0219	00014	6034
0030	0928	28851	455 B	2230	14803	0277	00029	5550
0050	0897	29443	447 B	2280	14803	0383	00072	5067
0075	0874 B	29825	436 B	2314	14803	0506	00150	4753
0100	0867	30156	429 B	2341	14808	0622	00253	4500
0125	0855	30414	408 B	2362	14811	0733	00380	4295
0150	0843 C	30602	377 B	2379	14813	0839	00529	4141

C-REF-NO 007	YR 1968	DEPTH 245	WAVES 1	XX	AIR T	VIS
CONS. NO 033	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 030
LAT 49-253N	DAY 31	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-223W	HR 09.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
094	0000	1940 B	12456		0785	14947
094	0005	1428	24302		1793	14921
094	0010	1296 B	25895		1940	14896
094	0020	1063 B	28380		2172	14846
094	0030	0985	28003		2155	14814
094	0050	0913	29404		2275	14808
094	0075	0844 B	29729		2311	14790
094	0100	0856	30151		2342	14804
094	0150	0848	30596		2378	14815
094	0200	0848	30697		2386	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1940 B	12456		0785	14947	0000	00000	19569
0010	1296 B	25895		1940	14896	0139	00004	8329
0020	1063 B	28380		2172	14846	0211	00015	6100
0030	0985	28003		2155	14814	0273	00030	6264
0050	0913	29404		2275	14808	0387	00076	5119
0075	0844 B	29729		2311	14790	0511	00155	4782
0100	0856	30151		2342	14804	0628	00258	4489
0125	0854	3042 C		2364	14811	0738	00384	4283
0150	0848	30596		2378	14815	0844	00533	4152
0176	0848	30692		2385	14820	0947	00705	4084
0201	0848	30697		2386	14824	1050	00902	4084



C-REF-NO 007	YR 1968	DEPTH 230	WAVES 1	XX	AIR T	VIS
CONS. NO 034	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 031
LAT 49-314N	DAY 31	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-271W	HR 10.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
108	0000	1830 B	10075	682 B	0628	14887
108	0005	1324 B	24359	533	1817	14887
108	0010	1188 B	26457	484	2002	14865
108	0020	1031 B	28119	483 B	2157	14831
108	0030	0976	28790	460 B	2218	14821
108	0050	0855	29258	459 B	2272	14784
108	0075	0808	29643	459 B	2309	14775
108	0100	0827	30127	455	2344	14793
108	0150	0846	30610	432 B	2379	14814
108	0200	0846 C	30705	347	2386	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1830 B	10075	682 B	0628	14887	0000	00000	21117
0010	1188 B	26457	484	2002	14865	0143	00004	7728
0020	1031 B	28119	483 B	2157	14831	0213	00014	6246
0030	0976	28790	460 B	2218	14821	0273	00029	5665
0050	0855	29258	459 B	2272	14784	0381	00073	5146
0075	0808	29643	459 B	2309	14775	0506	00152	4796
0100	0827	30127	455	2344	14793	0622	00255	4466
0125	0839	3043 D	449	2366	14805	0732	00381	4258
0150	0846	30610	432 B	2379	14814	0838	00529	4139
0176	0848	30709	397	2386	14821	0941	00700	4072
0201	0846 C	30705	347	2386	14824	1043	00897	4075



C-REF-NO 007	YR 1968	DEPTH 227	WAVES 1	XX	AIR T	VIS
CONS. NO 035	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 032
LAT 49-387N	DAY 31	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-145W	HR 12.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
125	0000	1170 B	C3419	754 B	0225	14581
125	0005	1180	24349	487 B	1841	14836
125	0010	1113 B	25846	473 B	1968	14831
125	0020	0958 B	27738	462 B	2139	14799
125	0030	0923	28742	459	2222	14800
125	0050	0837	29258	455 B	2275	14777
125	0075	0825	29881	376 B	2325	14785
125	0100	0848	30132	288 B	2341	14801
125	0150	0870 B	30267	196 B	2349	14819
125	0200		30286	101		

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1170 B	C3419	754 B	0225	14581	0000	00000	25108
0010	1113 B	25846	473 B	1968	14831	0164	00004	8061
0020	0958 B	27738	462 B	2139	14799	0237	00015	6420
0030	0923	28742	459	2222	14800	0297	00030	5623
0050	0837	29258	455 B	2275	14777	0405	00073	5120
0075	0825	29881	376 B	2325	14785	0528	00151	4643
0100	0848	30132	288 B	2341	14801	0642	00253	4491
0125	0860	3019 I	235 B	2345	14810	0755	00382	4462
0150	0870 B	30267	196 B	2349	14819	0866	00539	4428

C-REF-NO 007	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 036	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 033
LAT 49-325N	DAY 31	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-163W	HR 13.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
133	0000	1390 B	12892	662 B	0925	14772
133	0005	1409	17756	612 B	1295	14837
133	0010	1122 B	26470	469 B	2014	14842
133	0020	1023 B	28418	460 B	2181	14832
133	0030	0987	28971	455 B	2230	14827
133	0050	0868	29337	464	2276	14790
133	0075	0823	29758	448 B	2316	14782
133	0100	0851	30184	426 B	2345	14803
133	0150	0843 B	30586	382 B	2378	14813

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1390 B	12892	662 B	0925	14772	0000	00000	18193
0010	1122 B	26470	469 B	2014	14842	0128	00004	7612
0020	1023 B	28418	460 B	2181	14832	0197	00014	6011
0030	0987	28971	455 B	2230	14827	0255	00028	5547
0050	0868	29337	464	2276	14790	0361	00072	5104
0075	0823	29758	448 B	2316	14782	0485	00150	4732
0100	0851	30184	426 B	2345	14803	0600	00253	4457
0125	0852 B	3045 B	404 B	2366	14810	0710	00378	4262
0151	0843 B	30586	382 B	2378	14813	0815	00527	4154

C-REF-NO 007	YR 1968	DEPTH 230	WAVES 1	XX	AIR T	VIS
CONS. NO 037	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 034
LAT 49-305N	DAY 31	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-197W	HR 14.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
140	0000	1690 B	08193		0512	14821
140	0005	1295	24366		1822	14877
140	0010	1171 B	26581		2015	14861
140	0020	1038 B	28338		2173	14836
140	0030	0985	28961		2230	14826
140	0050	0874	29350		2277	14793
140	0075	0830	29637		2305	14783
140	0100	0853	30170		2344	14803
140	0150	0846	30599		2378	14814
140	0200	0849	30705		2386	14825

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1690 B	08193		0512	14821	0000	00000	22260
0010	1171 B	26581		2015	14861	0148	00004	7608
0020	1038 B	28338		2173	14836	0217	00014	6093
0030	0985	28961		2230	14826	0275	00029	5552
0050	0874	29350		2277	14793	0382	00072	5104
0075	0830	29637		2305	14783	0507	00151	4832
0100	0853	30170		2344	14803	0624	00255	4470
0125	0853 B	3038 I		2360	14810	0734	00381	4314
0150	0846	30599		2378	14814	0840	00530	4148
0176	0847	3069 B		2386	14820	0944	00702	4078
0201	0849	30705		2386	14825	1046	00899	4078

C-REF-NO 007	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 038	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 035
LAT 49-239N	DAY 31	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-175W	HR 14.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
149	0000	1670 B	13089	674 B	0889	14869
149	0005	1737	17879	644 B	1240	14946
149	0010	1400 B	24831	538 B	1839	14919
149	0020	1110 B	28047	464 B	2138	14859
149	0030	1020	28917	453 B	2221	14839
149	0050	0963	29322	444 B	2261	14826
149	0075	0922	29670	441 B	2294	14819
149	0100	0887	30171	417 B	2339	14816
149	0150	0863 B	30631	384 B	2378	14821
149	0200	0877	30748	381	2385	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1670 B	13089	674 B	0889	14869	0000	00000	18541
0010	1400 B	24831	538 B	1839	14919	0138	00005	9303
0020	1110 B	28047	464 B	2138	14859	0217	00016	6423
0030	1020	28917	453 B	2221	14839	0278	00031	5637
0050	0963	29322	444 B	2261	14826	0387	00075	5253
0075	0922	29670	441 B	2294	14819	0515	00156	4937
0100	0887	30171	417 B	2339	14816	0633	00262	4517
0125	0869	3040 I	397 B	2359	14816	0744	00389	4324
0150	0863 B	30631	384 B	2378	14821	0851	00538	4149
0176	0865	30737	379	2386	14827	0954	00710	4076
0201	0877	30748	381	2385	14836	1057	00907	4089



C-REF-NO 007	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 039	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 036
LAT 49-190N	DAY 31	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-200W	HR 15.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	0000	1890 B	14568	625 B	0956	14955
158	0005	1487	23945	587 B	1754	14937
158	0010	1299 B	26323	506 B	1972	14903
158	0020	1097 B	28266	462 B	2158	14857
158	0030	1044	28768	460 B	2205	14846
158	0050	0969	29412	444 B	2267	14829
158	0075	0887	29687	439 B	2301	14806
158	0100	0904	30251	406 B	2342	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1890 B	14568	625 B	0956	14955	0000	00000	17888
0010	1299 B	26323	506 B	1972	14903	0129	00004	8018
0020	1097 B	28266	462 B	2158	14857	0200	00014	6240
0030	1044	28768	460 B	2205	14846	0261	00030	5785
0050	0969	29412	444 B	2267	14829	0371	00074	5195
0075	0887	29687	439 B	2301	14806	0497	00154	4874
0100	0904	30251	406 B	2342	14824	0614	00258	4482

C-REF-NO 007	YR 1968	DEPTH 227	WAVES 1	XX	AIR T	VIS
CONS. NO 040	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 037
LAT 49-137N	DAY 31	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-210W	HR 16.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
166	0000	1760 B	22492		1586	15006
166	0005	1509	25250		1849	14959
166	0010	1241 B	27376		2064	14895
166	0020	1083 B	28408		2171	14854
166	0030	1024	28863		2216	14839
166	0050	0956	29632		2286	14827
166	0075	0887	29804		2310	14807
166	0100	0901	30210		2340	14822
166	0150	0917	30639		2371	14842
166	0200	0895	30771		2384	14843

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1760 B	22492		1586	15006	0000	00000	11747
0010	1241 B	27376		2064	14895	0094	00004	7137
0020	1083 B	28408		2171	14854	0161	00014	6111
0030	1024	28863		2216	14839	0220	00028	5683
0050	0956	29632		2286	14827	0327	00072	5011
0075	0887	29804		2310	14807	0450	00150	4786
0100	0901	30210		2340	14822	0567	00254	4509
0125	0912	3047 C		2359	14834	0678	00381	4333
0151	0917	30639		2371	14842	0785	00532	4220
0176	0910	30745		2380	14845	0890	00706	4136
0201	0895	30771		2384	14843	0994	00905	4098

C-REF-NO 007	YR 1968	DEPTH 274	WAVES 1	XX	AIR T	VIS
CONS. NO 041	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 038
LAT 49-119N	DAY 31	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-262W	HR 17.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
175	0000	1680 B	24167		1731	15000
175	0005	1567	25277		1839	14979
175	0010	1312 B	26826		2008	14913
175	0020	1079 B	28437		2174	14853
175	0030	1014	28968		2226	14837
175	0050	0982	29722		2289	14838
175	0075	0923 B	29822		2306	14821
175	0100	0901	30260		2344	14823
175	0150	0873	30511		2367	14823
175	0200		30677			
175	0250	0865	30806		2392	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1680 B	24167		1731	15000	0000	00000	10344
0010	1312 B	26826		2008	14913	0090	00004	7668
0020	1079 B	28437		2174	14853	0159	00014	6084
0030	1014	28968		2226	14837	0217	00029	5590
0050	0982	29722		2289	14838	0323	00072	4985
0075	0923 B	29822		2306	14821	0447	00150	4825
0100	0901	30260		2344	14823	0563	00254	4471
0125	0885	3038 I		2356	14822	0674	00381	4358
0151	0873	30511		2367	14823	0782	00533	4251
0176	0865	30602		2376	14826	0888	00709	4176
0201	0861	30677		2382	14829	0992	00909	4118
0226	0861	30747		2388	14834	1095	01132	4069
0251	0865	30806		2392	14840	1197	01380	4035

C-REF-NO 007	YR 1968	DEPTH 384	WAVES 1	XX	AIR T	VIS
CONS. NO 042	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 039
LAT 49-097N	DAY 31	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-332W	HR 18.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARD		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
186	0000	1770 B	22047	646	1550	15004
186	0005	1710	23028	661 B	1638	14997
186	0010	1724 B	24304	661 B	1732	15017
186	0020	1162 B	27732	474 B	2105	14874
186	0030	1032	28769	455 B	2207	14841
186	0050	0912	29416	440 B	2276	14808
186	0075	0869	29950	440 B	2324	14802
186	0100	0877	30259	422 B	2347	14814
186	0150	0866	30551	408 B	2371	14821
186	0200	0858	30624	396 B	2378	14827
186	0250	0857	30814	373 B	2393	14838
186	0300	0864	30850	373 B	2395	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1770 B	22047	646	1550	15004	0000	00000	12095
0010	1724 B	24304	661 B	1732	15017	0112	00005	10337
0020	1162 B	27732	474 B	2105	14874	0197	00017	6742
0030	1032	28769	455 B	2207	14841	0260	00033	5765
0050	0912	29416	440 B	2276	14808	0369	00077	5108
0075	0869	29950	440 B	2324	14802	0491	00154	4653
0100	0877	30259	422 B	2347	14814	0606	00256	4437
0125	0874	3044 C	413 B	2362	14819	0715	00382	4297
0150	0866	30551	408 B	2371	14821	0822	00532	4212
0176	0861	3058 I	403 B	2375	14824	0928	00707	4182
0201	0858	30624	396 B	2378	14827	1032	00908	4154
0226	0857	3072 D	384 B	2386	14832	1136	01133	4082
0251	0857	30814	373 B	2393	14838	1238	01380	4017
0301	0864	30850	373 B	2395	14849	1439	01948	4008



C-REF-NO 007	YR 1968	DEPTH 141	WAVES 1 XX	AIR T	VIS
CONS. NO 043	MONTH 7	MXSAMPD 01	WAVES 2 XX	WET B	STN 040
LAT 49-086N	DAY 31	NO.DPTH 8	WND-DIR	WW-CODE	
LON 123-369W	HR 19.2	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
192	0000	1800 B	21572		1507	15007
192	0005	1746	22059		1556	14997
192	0010	1471 B	24934		1833	14944
192	0020	1102 B	28211		2152	14858
192	0030	1026	28801		2211	14839
192	0050	0918	29357		2271	14809
192	0075	0879 B	29846		2315	14805
192	0100	0885	30132		2336	14815

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1800 B	21572		1507	15007	0000	00000	12511
0010	1471 B	24934		1833	14944	0109	00005	9361
0020	1102 B	28211		2152	14858	0187	00016	6288
0030	1026	28801		2211	14839	0248	00031	5732
0050	0918	29357		2271	14809	0357	00075	5161
0075	0879 B	29846		2315	14805	0481	00154	4745
0100	0885	30132		2336	14815	0598	00258	4543

C-REF-NO 007	YR 1968	DEPTH 208	WAVES 1	XX	AIR T	VIS
CONS. NO 044	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 041
LAT 49-003N	DAY 31	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-300W	HR 20.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
204	0000	1840 B	18795		1287	14988
204	0005	1706	22215		1577	14987
204	0010	1680 B	23201		1657	14991
204	0020	1139 B	27770		2112	14866
204	0030	1060	28630		2192	14850
204	0050	0926	29521		2282	14814
204	0075	0854	29917		2324	14796
204	0100	0861	30564		2373	14811
204	0150	0865	30164		2341	14816
204	0200	0860	30706		2384	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1840 B	18795		1287	14988	0000	00000	14647
0010	1680 B	23201		1657	14991	0128	00006	11056
0020	1139 B	27770		2112	14866	0217	00018	6675
0030	1060	28630		2192	14850	0280	00034	5912
0050	0926	29521		2282	14814	0390	00078	5051
0075	0854	29917		2324	14796	0511	00155	4655
0100	0861	30564		2373	14811	0622	00253	4198
0125	0864	3036 I		2357	14814	0730	00377	4345
0150	0865	30164		2341	14816	0841	00533	4498
0176	0864	3043 I		2363	14823	0951	00716	4297
0201	0860	30706		2384	14829	1057	00918	4095

C-REF-NO 007	YR 1968	DEPTH 318	WAVES 1	XX	AIR T	VIS
CONS. NO 045	MONTH 7	MXSAMPD 03	WAVES 2	XX	WET B	STN 042
LAT 49-018N	DAY 31	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-263W	HR 21.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
210	0000	1820 B	22515	708 B	1574	15024
210	0005	1757	22600	674 B	1595	15007
210	0010	1592 B	24320	595 B	1761	14976
210	0019	1201 B	27401	491 B	2073	14883
210	0029	1093	28321	471 B	2162	14858
210	0049	0964	29344	449 B	2263	14826
210	0073	0891 B	29809	436 B	2310	14809
210	0097	0900	30292	415 B	2346	14822
210	0145	0874	30604	406 B	2374	14824
210	0194	0860	30727	393 B	2386	14828
210	0243	0856	30779	383 B	2391	14836
210	0291	0858	30827		2394	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1820 B	22515	708 B	1574	15024	0000	00000	11860
0010	1592 B	24320	595 B	1761	14976	0109	00005	10051
0020	1182 C	2749 I	487 B	2083	14878	0194	00017	6951
0030	1084	2839 B	465 B	2169	14856	0260	00034	6127
0050	0959	2937 B	448 B	2265	14825	0373	00079	5210
0075	0890 B	29853	434 B	2313	14809	0499	00158	4755
0100	0899	3032 B	414 B	2349	14823	0614	00261	4419
0125	0888 B	3047 I	407 B	2362	14824	0723	00386	4296
0150	0872	30623	405 B	2376	14824	0829	00536	4167
0176	0864	3069 B	398 B	2383	14826	0933	00708	4105
0201	0859	30735	392 B	2387	14829	1036	00905	4071
0226	0857	30764	386 B	2390	14833	1138	01127	4051
0251	0856	30787		2391	14837	1240	01374	4035

C-REF-NO 007	YR 1968	DEPTH 230	WAVES 1	XX	AIR T	VIS
CONS. NO 046	MONTH 7	MXSAMPD 02	WAVES 2	XX	WET B	STN 043
LAT 49-033N	DAY 31	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-232W	HR 21.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
218	0000	1910 B	12953		0829	14944
218	0005	1756	23883		1692	15021
218	0010	1537 B	24419		1780	14959
218	0020	1134 B	27992		2130	14867
218	0030	1059	28789		2204	14851
218	0050	1005	29535		2271	14844
218	0075	0904 B	29845		2311	14814
218	0100	0902	30269		2344	14823
218	0150	0877	30595		2373	14826
218	0200	0887	30825		2390	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1910 B	12953		0829	14944	0000	00000	19133
0010	1537 B	24419		1780	14959	0144	00005	9868
0020	1134 B	27992		2130	14867	0226	00017	6503
0030	1059	28789		2204	14851	0288	00032	5792
0050	1005	29535		2271	14844	0397	00076	5158
0075	0904 B	29845		2311	14814	0522	00155	4780
0100	0902	30269		2344	14823	0638	00258	4467
0125	0889 B	3043 I		2359	14824	0749	00385	4330
0150	0877	30595		2373	14826	0856	00535	4195
0176	0878	3072 B		2384	14832	0960	00709	4101
0201	0887	30825		2390	14841	1062	00905	4045



C-REF-NO 007	YR 1968	DEPTH 121	WAVES 1	XX	AIR T	VIS
CONS. NO 047	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 044
LAT 48-568N	DAY 31	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-059W	HR 23.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
233	0000	1670 B	23788	650 B	1704	14993
233	0005	1430	25571	708	1890	14937
233	0010	1404 B	25803	715 B	1912	14932
233	0020	1133 B	27972	477 B	2129	14866
233	0030	1082	28607	449 B	2186	14857
233	0050	1011	29484	428 B	2266	14846
233	0075	0988 B	29866	408 B	2299	14846
233	0100	0932	30515	388 B	2359	14838

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1670 B	23788	650 B	1704	14993	0000	00000	10602
0010	1404 B	25803	715 B	1912	14932	0096	00004	8592
0020	1133 B	27972	477 B	2129	14866	0171	00015	6515
0030	1082	28607	449 B	2186	14857	0234	00031	5964
0050	1011	29484	428 B	2266	14846	0346	00076	5205
0075	0988 B	29866	408 B	2299	14846	0473	00156	4890
0100	0932	30515	388 B	2359	14838	0588	00259	4329

C-REF-NO 007	YR 1968	DEPTH 124	WAVES 1	XX	AIR T	VIS
CONS. NO 048	MONTH 7	MXSAMPD 01	WAVES 2	XX	WET B	STN 045
LAT 48-540N	DAY 31	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-084W	HR 23.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
239	0000	1920 B	14754	668 B	0963	14967
239	0005	1418	25551	565 B	1890	14933
239	0010	1211 B	27401	477 B	2071	14885
239	0020	1101 B	28360	442 B	2164	14860
239	0030	1061	28809	441 B	2206	14852
239	0050	1005	29586	417 B	2275	14845
239	0075	0977 B	30012	401 B	2313	14844
239	0100	0954	30313	391 B	2340	14843

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1920 B	14754	668 B	0963	14967	0000	00000	17815
0010	1211 B	27401	477 B	2071	14885	0124	00004	7068
0020	1101 B	28360	442 B	2164	14860	0190	00013	6177
0030	1061	28809	441 B	2206	14852	0250	00029	5780
0050	1005	29586	417 B	2275	14845	0360	00073	5121
0075	0977 B	30012	401 B	2313	14844	0484	00151	4765
0100	0954	30313	391 B	2340	14843	0600	00255	4510

C-REF-NO 007	YR 1968	DEPTH 201	WAVES 1	XX	AIR T	VIS
CONS. NO 049	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 046
LAT 48-510N	DAY 01	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-107W	HR 00.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
005	0000	2000 B	16459	686 B	1074	15010
005	0005	1688	23880	671 B	1707	15000
005	0010	1644 B	24152	635 B	1737	14991
005	0020	1226 B	27040	483 B	2041	14888
005	0030	1101	28294	451 B	2159	14860
005	0050	0996	29626	418 B	2280	14842
005	0075	0932 B	30188	418 B	2333	14829
005	0100	0908	30352	412 B	2350	14826
005	0150	0923 B	30824	377	2384	14846
005	0200	0901 B	31063	358 B	2406	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	2000 B	16459	686 B	1074	15010	0000	00000	16731
0010	1644 B	24152	635 B	1737	14991	0134	00005	10280
0020	1226 B	27040	483 B	2041	14888	0223	00018	7361
0030	1101	28294	451 B	2159	14860	0291	00035	6226
0050	0996	29626	418 B	2280	14842	0404	00080	5077
0075	0932 B	30188	418 B	2333	14829	0525	00156	4568
0100	0908	30352	412 B	2350	14826	0638	00257	4413
0125	0913 C	3058 I	395 B	2367	14835	0746	00382	4249
0150	0923 B	30824	377	2384	14846	0851	00529	4093
0176	0915 B	30967	366	2397	14849	0953	00697	3978
0201	0901 B	31063	358 B	2406	14849	1052	00887	3890

C-REF-NO 007	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 050	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 047
LAT 48-490N	DAY 01	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-060W	HR 01.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
012	0000	1730 B	22789		1615	15000
012	0005	1662	23330		1671	14986
012	0010	1553 B	24802		1806	14969
012	0020	1200 B	27480		2079	14884
012	0030	1077	28715		2196	14857
012	0050	1005	29643		2279	14845
012	0075	0951 B	30067		2321	14835
012	0100	0921	30300		2344	14831
012	0150	0921	30779		2381	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1730 B	22789		1615	15000	0000	00000	11464
0010	1553 B	24802		1806	14969	0105	00005	9617
0020	1200 B	27480		2079	14884	0188	00017	6991
0030	1077	28715		2196	14857	0253	00033	5875
0050	1005	29643		2279	14845	0363	00077	5078
0075	0951 B	30067		2321	14835	0485	00155	4685
0100	0921	30300		2344	14831	0600	00257	4470
0125	0911	3054 C		2365	14834	0710	00383	4274
0150	0921	30779		2381	14845	0815	00531	4123



C-REF-NO 007	YR 1968	DEPTH 219	WAVES 1	XX	AIR T	VIS
CONS. NO 051	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 048
LAT 48-518N	DAY 01	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-033W	HR 01.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
018	0000	1920 B	17761		1191	15000
018	0005	1583	24118		1748	14970
018	0010	1316 B	26518		1984	14911
018	0020	1133 B	28017		2132	14867
018	0030	1081	28726		2196	14858
018	0050	1029	29405		2257	14851
018	0075	0982	29994		2310	14845
018	0100	0948	30409		2348	14842
018	0150	0918	30927		2393	14846
018	0200	0895	31202		2418	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1920 B	17761		1191	15000	0000	00000	15588
0010	1316 B	26518		1984	14911	0117	00004	7904
0020	1133 B	28017		2132	14867	0189	00015	6483
0030	1081	28726		2196	14858	0251	00030	5873
0050	1029	29405		2257	14851	0363	00075	5292
0075	0982	29994		2310	14845	0489	00155	4786
0100	0948	30409		2348	14842	0605	00258	4430
0125	0929	3070 C		2374	14843	0713	00382	4183
0150	0918	30927		2393	14846	0816	00526	4008
0176	0905	31097		2408	14847	0915	00691	3868
0201	0895	31202		2418	14849	1011	00875	3778

C-REF-NO 007	YR 1968	DEPTH 135	WAVES 1	XX	AIR T	VIS
CONS. NO 052	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 049
LAT 49-548N	DAY 01	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-596W	HR 02.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
024	0000	1770 B	22844	846 B	1610	15013
024	0005	1562	24641	871	1792	14969
024	0010	1238 B	26885	506 B	2027	14888
024	0020	1086 B	28394	444 B	2169	14855
024	0030	1065	28943	439 B	2215	14855
024	0050	1012	29453	423 B	2264	14846
024	0075	0969 B	30075	399 B	2319	14842
024	0100	0933	30628	374 B	2367	14839

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1770 B	22844	846 B	1610	15013	0000	00000	11509
0010	1238 B	26885	506 B	2027	14888	0095	00004	7495
0020	1086 B	28394	444 B	2169	14855	0163	00014	6127
0030	1065	28943	439 B	2215	14855	0222	00029	5688
0050	1012	29453	423 B	2264	14846	0332	00073	5230
0075	0969 B	30075	399 B	2319	14842	0457	00152	4705
0100	0933	30628	374 B	2367	14839	0569	00252	4246

C-REF-NO 007	YR 1968	DEPTH 29	WAVES 1	XX	AIR T	VIS
CONS. NO 053	MONTH 8	MXSAMPD 00	WAVES 2	XX	WET B	STN 050
LAT 48-577N	DAY 01	NO.DPTH 4	WND-DIR		WW-CODE	
LON 122-562W	HR 03.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
030	0000		24257			
030	0005	1399	25252		1871	14923
030	0010	1200 B	27049		2046	14877
030	0020	1099 B	28311		2161	14858

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000		24257						
0010	1200 B	27049		2046	14877	0086	00004	7309
0020	1099 B	28311		2161	14858	0153	00014	6210

C-REF-NO 007	YR 1968	DEPTH 161	WAVES 1	XX	AIR T	VIS
CONS. NO 054	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 051
LAT 48-467N	DAY 01	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-520W	HR 04.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
043	0000	1860 B	20174	684 B	1387	15010
043	0005	1778	21160	680 B	1481	14997
043	0010	1688 B	22368	665 B	1592	14984
043	0020	1438 B	23802	576 B	1752	14921
043	0030	1257	26631	501 B	2004	14895
043	0050	1151	27985	470 B	2127	14878
043	0075	1062 B	29155	433 B	2232	14864
043	0100	1033	29467	422 B	2261	14862
043	0150	0951 B	30503	387 B	2355	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1860 B	20174	684 B	1387	15010	0000	00000	13673
0010	1688 B	22368	665 B	1592	14984	0126	00006	11687
0020	1438 B	23802	576 B	1752	14921	0235	00022	10136
0030	1257	26631	501 B	2004	14895	0324	00044	7720
0050	1151	27985	470 B	2127	14878	0467	00101	6540
0075	1062 B	29155	433 B	2232	14864	0618	00196	5533
0100	1033	29467	422 B	2261	14862	0754	00316	5260
0125	0992 B	2998 I	405 B	2308	14857	0880	00461	4815
0150	0951 B	30503	387 B	2355	14853	0996	00622	4373



C-REF-NO 007	YR 1968	DEPTH 106	WAVES 1	XX	AIR T	VIS
CONS. NO 055	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 052
LAT 48-389N	DAY 01	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-433W	HR 05.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
056	0000	1430 B	25373	596 B	1874	14934
056	0005	1366 B	25887	590 B	1926	14919
056	0010	1289 B	26884	565 B	2017	14906
056	0020	1211 B	27735	533 B	2097	14891
056	0030	1114	28744	480 B	2192	14871
056	0050	1054	29453	439 B	2257	14861
056	0075	1048 B	29560	438 B	2266	14864

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1430 B	25373	596 B	1874	14934	0000	00000	8958
0010	1289 B	26884	565 B	2017	14906	0083	00004	7585
0020	1211 B	27735	533 B	2097	14891	0155	00015	6822
0030	1114	28744	480 B	2192	14871	0219	00031	5915
0050	1054	29453	439 B	2257	14861	0331	00076	5296
0075	1048 B	29560	438 B	2266	14864	0463	00160	5210

C-REF-NO 007	YR 1968	DEPTH 73	WAVES 1	XX	AIR T	VIS
CONS. NO 056	MONTH 8	MXSAMPD 00	WAVES 2	XX	WET B	STN 053
LAT 48-332N	DAY 01	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-450W	HR 06.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
063	0000	1300 B	27231		2042	14912
063	0005	1209	27636		2090	14887
063	0010	1196 B	27965		2117	14887
063	0020	1115 B	28798		2196	14870
063	0030	1033	29802		2287	14855
063	0050	0968	30643		2363	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1300 B	27231		2042	14912	0000	00000	7347
0010	1196 B	27965		2117	14887	0070	00003	6624
0020	1115 B	28798		2196	14870	0133	00013	5874
0030	1033	29802		2287	14855	0187	00026	5000
0050	0968	30643		2363	14845	0280	00064	4279

C-REF-NO 007	YR 1968	DEPTH 77	WAVES 1	XX	AIR T	VIS
CONS. NO 057	MONTH 8	MXSAMPD 00	WAVES 2	XX	WET B	STN 054
LAT 48-266N	DAY 01	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-444W	HR 07.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
074	0000	1180 B	28418	523 B	2155	14885
074	0005	1039	29675	440 B	2276	14851
074	0010	1034 B	29866	435 B	2292	14852
074	0020	1015 B	30022	423 B	2307	14849
074	0030	0994	30304	417 B	2333	14847
074	0050	0913	31268	368 B	2420	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1180 B	28418	523 B	2155	14885	0000	00000	6261
0010	1034 B	29866	435 B	2292	14852	0056	00003	4952
0020	1015 B	30022	423 B	2307	14849	0105	00010	4807
0030	0994	30304	417 B	2333	14847	0152	00022	4568
0050	0913	31268	368 B	2420	14832	0236	00055	3733

C-REF-NO 007	YR 1968	DEPTH 121	WAVES 1	XX	AIR T	VIS
CONS. NO 058	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 055
LAT 48-457N	DAY 01	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-588W	HR 10.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
109	0000	1660 B	22369		1598	14973
109	0005	1550	23672		1720	14954
109	0010	1354 B	25289		1882	14909
109	0020	1279 B	26700		2005	14902
109	0029	1174	27852		2112	14881
109	0049	1002	29864		2297	14847
109	0073	0967 B	30186		2328	14842
109	0098	0921	30778		2381	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1660 B	22369		1598	14973	0000	00000	11628
0010	1354 B	25289		1882	14909	0102	00005	8881
0020	1279 B	26700		2005	14902	0185	00017	7705
0030	1163	2798 B		2124	14879	0257	00035	6561
0050	0999	2987 I		2299	14846	0372	00080	4895
0075	0963 B	3023 C		2332	14841	0490	00155	4575



C-REF-NO 007	YR 1968	DEPTH 216	WAVES 1	XX	AIR T	VIS
CONS. NO 059	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 056
LAT 48-464N	DAY 01	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-015W	HR 11.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
113	0000	1410 B	25365	542 B	1878	14927
113	0005	1207	27215	487 B	2057	14881
113	0010	1198 B	27592	482 B	2088	14883
113	0020	1090 B	28808	440 B	2201	14861
113	0030	1072	28980	438 B	2217	14858
113	0050	1012	29765	407 B	2288	14850
113	0075	0960	30382	395 B	2344	14842
113	0100	0934	30737	371 B	2376	14841
113	0150	0871 C	31443	350 B	2440	14835
113	0200	0827	32070	331 B	2496	14834

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1410 B	25365	542 B	1878	14927	0000	00000	8926
0010	1198 B	27592	482 B	2088	14883	0079	00004	6904
0020	1090 B	28808	440 B	2201	14861	0143	00013	5827
0030	1072	28980	438 B	2217	14858	0201	00028	5672
0050	1012	29765	407 B	2288	14850	0308	00071	4998
0075	0960	30382	395 B	2344	14842	0426	00146	4465
0100	0934	30737	371 B	2376	14841	0535	00242	4166
0125	0902 B	31095	358 B	2409	14838	0636	00358	3856
0151	0871 C	31443	350 B	2440	14835	0729	00488	3556
0176	0847 B	31765	340 B	2469	14834	0815	00631	3237
0201	0827	32070	331 B	2496	14834	0894	00783	3035

C-REF-NO 007	YR 1968	DEPTH 150	WAVES 1	XX	AIR T	VIS
CONS. NO 060	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 057
LAT 48-44CN	DAY 01	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-080W	HR 12.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SCUND
125	0000	1470 B	25137		1848	14944
125	0005	1351	26135		1948	14917
125	0010	1246 B	27157		2046	14894
125	0020	1105 B	28659		2187	14865
125	0030	1073	28994		2218	14859
125	0050	1028	29481		2263	14852
125	0075	0982 C	30118		2320	14847
125	0100	0921	30892		2390	14838

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1470 B	25137		1848	14944	0000	00000	9208
0010	1246 B	27157		2046	14894	0083	00004	7307
0020	1105 B	28659		2187	14865	0149	00014	5961
0030	1073	28994		2218	14859	0207	00028	5664
0050	1028	29481		2263	14852	0317	00073	5234
0075	0982 C	30118		2320	14847	0441	00151	4694
0100	0921	30892		2390	14838	0551	00248	4032

C-REF-NO 007	YR 1968	DEPTH 324	WAVES 1	XX	AIR T	VIS
CONS. NO 061	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 058
LAT 48-429N	DAY 01	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-140W	HR 13.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
133	0000	1480 B	24668		1811	14942
133	0005	1414	25099		1857	14926
133	0010	1364 B	25906		1928	14920
133	0020	1287 B	26584		1994	14903
133	0030	1141	28242		2148	14874
133	0050	0995	29975		2307	14846
133	0075	0953	30446		2350	14840
133	0100	0928	30848		2385	14840
133	0150	0920	31022		2400	14848
133	0200	0830	32086		2497	14835
133	0250	0824	32153		2503	14842
133	0300	0817	32268		2513	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1480 B	24668		1811	14942	0000	00000	9573
0010	1364 B	25906		1928	14920	0090	00004	8443
0020	1287 B	26584		1994	14903	0171	00017	7804
0030	1141	28242		2148	14874	0242	00034	6330
0050	0995	29975		2307	14846	0354	00078	4816
0075	0953	30446		2350	14840	0470	00152	4406
0100	0928	30848		2385	14840	0576	00246	4075
0125	0926 C	3093 I		2392	14845	0678	00363	4011
0151	0920	31022		2400	14848	0778	00503	3941
0176	0875 D	3155 I		2448	14842	0871	00658	3484
0201	0830	32086		2497	14835	0953	00814	3028
0226	0822 B	3211 I		2501	14837	1029	00979	2996
0251	0824	32153		2503	14842	1104	01162	2977
0301	0817	32268		2513	14849	1251	01577	2889

C-REF-NO 007	YR 1968	DEPTH 208	WAVES 1	XX	AIR T	VIS
CONS. NO 062	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 059
LAT 48-377N	DAY 01	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-147W	HR 14.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
142	0000	1330 B	26571	574 B	1986	14915
142	0005	1313 B	26659	564 B	1995	14911
142	0010	1314 B	26693	558 B	1998	14912
142	0020	1180 B	28005	493 B	2123	14883
142	0030	1128	28411	461 B	2164	14871
142	0050	0969	30456	390 B	2348	14842
142	0075	0917	31099	361	2407	14835
142	0100	0905	31241	368	2419	14837
142	0150	0827 B	32192	327 B	2505	14828
142	0200		32371	314 B		

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1330 B	26571	574 B	1986	14915	0000	00000	7889
0010	1314 B	26693	558 B	1998	14912	0078	00004	7770
0020	1180 B	28005	493 B	2123	14883	0150	00015	6569
0030	1128	28411	461 B	2164	14871	0214	00031	6184
0050	0969	30456	390 B	2348	14842	0320	00072	4419
0075	0917	31099	361	2407	14835	0424	00138	3868
0100	0905	31241	368	2419	14837	0520	00224	3749
0125	0871 B	3171 I	350 B	2462	14834	0609	00326	3350
0151	0827 B	32192	327 B	2505	14828	0688	00436	2937



C-REF-NO 007	YR 1968	DEPTH 291	WAVES 1	XX	AIR T	VIS
CONS. NO 063	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 060
LAT 48-338N	DAY 01	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-128W	HR 15.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
150	0000	1340 B	26591		1985	14918
150	0005	1271	26896		2021	14899
150	0010	1264 B	26975		2029	14898
150	0020	1088 B	29044		2219	14863
150	0030	1016	29907		2298	14850
150	0050	0957	30638		2364	14840
150	0075	0912	31222		2417	14835
150	0100	0869	31664		2458	14829
150	0150	0830	32130		2500	14828
150	0200		32243			
150	0250	0801	32387		2524	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1340 B	26591		1985	14918	0000	00000	7392
0010	1264 B	26975		2029	14898	0077	00004	7474
0020	1088 B	29044		2219	14863	0143	00013	5648
0030	1016	29907		2298	14850	0195	00027	4896
0050	0957	30638		2364	14840	0287	00064	4267
0075	0912	31222		2417	14835	0388	00127	3769
0100	0869	31664		2458	14829	0478	00207	3333
0126	0845	3195 C		2484	14827	0560	00301	3135
0151	0830	32130		2500	14828	0637	00409	2988
0176	0815	3218 I		2507	14827	0712	00533	2928
0201	0806	32243		2513	14828	0785	00673	2877
0226	0801	3231 B		2519	14831	0856	00829	2817
0251	0801	32387		2524	14836	0927	01000	2770

C-REF-NO 007	YR 1968	DEPTH 260	WAVES 1	XX	AIR T	VIS
CONS. NO 064	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 061
LAT 48-292N	DAY 01	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-092W	HR 15.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
159	0000	1280 B	27256		2047	14906
159	0005	1142 B	28420		2162	14873
159	0009	1124 B	28620		2180	14869
159	0018	1091	28014		2139	14851
159	0027	1041	29604		2271	14854
159	0045	0969 B	30543		2355	14843
159	0090	0904	31287		2423	14835
159	0136	0857 B	31292		2431	14825
159	0181	0823	32158		2503	14831

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1280 B	27256		2047	14906	0000	00000	7293
0010	1120 B	2855 I		2176	14867	0067	00003	6064
0020	1080	2836 I		2168	14852	0128	00012	6137
0030	1027	2976 I		2285	14852	0184	00026	5022
0050	0957 B	3062 I		2363	14840	0277	00064	4276
0075	0915 C	3103 I		2402	14834	0380	00129	3911
0100	0892	3128 I		2425	14833	0476	00214	3696
0126	0867 B	3129 I		2429	14827	0568	00321	3660
0151	0845 B	3156 I		2453	14826	0657	00446	3431
0176	0827	3200 C		2491	14829	0739	00581	3077

C-REF-NO 007	YR 1968	DEPTH 124	WAVES 1	XX	AIR T	VIS
CONS. NO 065	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 062
LAT 48-229N	DAY 01	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-027W	HR 16.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
169	0000	1140 B	29482	494 B	2244	14884
169	0005	1088	29523	470 B	2256	14867
169	0010	1057 B	29784	453 B	2282	14860
169	0020	1006 B	30262	422 B	2327	14849
169	0030	0987	30507	413 B	2349	14847
169	0050	0958	30802	396 B	2377	14843
169	0075	0858	31852	340 B	2474	14823
169	0100	0755	32904	279 B	2572	14801

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1140 B	29482	494 B	2244	14884	0000	00000	5407
0010	1057 B	29784	453 B	2282	14860	0052	00003	5048
0020	1006 B	30262	422 B	2327	14849	0101	00010	4616
0030	0987	30507	413 B	2349	14847	0146	00021	4407
0050	0958	30802	396 B	2377	14843	0232	00056	4147
0075	0858	31852	340 B	2474	14823	0325	00114	3223
0100	0755	32904	279 B	2572	14801	0394	00175	2301

C-REF-NO 007	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 066	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 063
LAT 48-141N	DAY 01	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-581W	HR 18.0	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
180	0000	1190 B	28512		2161	14890
180	0005	1097	29247		2234	14867
180	0010	1063 B	30152	466 B	2309	14867
180	0020	1036 B	30523	449 B	2343	14863
180	0030	0951	31217	414 B	2410	14842
180	0050	0841	32195	339 B	2504	14817
180	0075	0771	32851	298 B	2565	14802
180	0100	0727	33229	275 B	2601	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1190 B	28512		2161	14890	0000	00000	6208
0010	1063 B	30152	466 B	2309	14867	0055	00002	4786
0020	1036 B	30523	449 B	2343	14863	0102	00009	4469
0030	0951	31217	414 B	2410	14842	0143	00020	3824
0050	0841	32195	339 B	2504	14817	0211	00047	2940
0075	0771	32851	298 B	2565	14802	0278	00089	2359
0101	0727	33229	275 B	2601	14794	0333	00137	2021



C-REF-NO 007	YR 1968	DEPTH 99	WAVES 1	XX	AIR T	VIS
CONS. NO 067	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 064
LAT 48-120N	DAY 01	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-051W	HR 18.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
187	0000	1150 B	29323		2230	14886
187	0005	1072	29719		2274	14864
187	0010	1065 B	29965		2295	14865
187	0020	1018 B	30859		2372	14861
187	0030	0956	31716		2448	14851
187	0050	0894	32008		2481	14834
187	0075	0751	33079		2586	14798

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1150 B	29323		2230	14886	0000	00000	5541
0010	1065 B	29965		2295	14865	0053	00003	4927
0020	1018 B	30859		2372	14861	0098	00009	4192
0030	0956	31716		2448	14851	0137	00019	3462
0050	0894	32008		2481	14834	0203	00046	3155
0075	0751	33079		2586	14798	0270	00087	2161

C-REF-NO 007	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 068	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 065
LAT 48-151N	DAY 01	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-100W	HR 19.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HN

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
194	0000	1360 B	28544	583 B	2132	14949
194	0005	1157	28997	583 B	2204	14885
194	0010	1146 B	29070	570 B	2211	14883
194	0020	1012 B	29804	422 B	2291	14845
194	0030	0984	30698	408 B	2365	14848
194	0050	0916	31544	384 B	2441	14837
194	0075	0832	32186	334 B	2504	14817
194	0100	0746	33046	287 B	2584	14799

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1360 B	28544	583 B	2132	14949	0000	00000	6487
0010	1146 B	29070	570 B	2211	14883	0061	00003	5723
0020	1012 B	29804	422 B	2291	14845	0115	00011	4964
0030	0984	30698	408 B	2365	14848	0161	00023	4260
0050	0916	31544	384 B	2441	14837	0239	00054	3532
0075	0832	32186	334 B	2504	14817	0321	00105	2938
0100	0746	33046	287 B	2584	14799	0385	00161	2184

C-REF-NO 007	YR 1968	DEPTH 102	WAVES 1 XX	AIR T	VIS
CONS. NO 069	MONTH 8	MXSAMPD 01	WAVES 2 XX	WET B	STN 066
LAT 48-190N	DAY 01	NO.DPTH 7	WND-DIR	WW-CODE	
LON 123-140W	HR 20.1	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLO-AMT	HW

## O B S E R V E D

GMT DEPTH T E M P S A L OXYGEN SGMT SOUND

201	0000	1340 B	28115	2102	14937
201	0005	1061	29683	2273	14859
201	0010	1043 B	29972	2299	14857
201	0019	1035 B	29989	2301	14856
201	0029	1035	29994	2302	14858
201	0048	1026	30078	2310	14858
201	0071	0761	32842	2566	14798

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1340 B	28115		2102	14937	0000	00000	6767
0010	1043 B	29972		2299	14857	0058	00003	4887
0020	1035 B	29989		2301	14856	0107	00010	4862
0030	1037	2999	I	2302	14859	0156	00022	4861
0050	1013	3021	C	2322	14856	0252	00061	4667

C-REF-NO 007	YR 1968	DEPTH 110	WAVES 1	XX	AIR T	VIS
CONS. NO 070	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 067
LAT 48-221N	DAY 01	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-180W	HR 20.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
207	0000	1220 B	28806		2178	14904
207	0005	1187	28756		2180	14893
207	0010	1187 B	28817		2185	14894
207	0020	1134 B	29189		2223	14882
207	0030	1118 B	29364		2239	14880
207	0050	0913	31268		2420	14832
207	0075	0812 B	32249		2512	14810
207	0100	0735	33012		2583	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1220 B	28806		2178	14904	0000	00000	6042
0010	1187 B	28817		2185	14894	0060	00003	5978
0020	1134 B	29189		2223	14882	0118	00012	5616
0030	1118 B	29364		2239	14880	0174	00026	5462
0050	0913	31268		2420	14832	0266	00062	3733
0075	0812 B	32249		2512	14810	0349	00114	2862
0100	0735	33012		2583	14794	0413	00169	2192



C-REF-NO 007	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 071	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 068
LAT 48-120N	DAY 01	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-430W	HR 22.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
227	0000	1040 B	31299		2402	14871
227	0005	0961 B	31350		2419	14844
227	0010	0958 B	31760		2452	14849
227	0020	0927 B	32017		2477	14842
227	0030	0920	32368		2505	14845
227	0050	0772	33127		2587	14802
227	0075	0691	33672		2641	14782
227	0100	0684	33719		2645	14784

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1040 B	31299		2402	14871	0000	00000	3897
0010	0958 B	31760		2452	14849	0037	00002	3429
0020	0927 B	32017		2477	14842	0070	00007	3192
0030	0920	32368		2505	14845	0101	00015	2923
0050	0772	33127		2587	14802	0152	00035	2150
0075	0691	33672		2641	14782	0200	00064	1640
0101	0684	33719		2645	14784	0240	00101	1599

C-REF-NO 007	YR 1968	DEPTH 177	WAVES 1	XX	AIR T	VIS
CONS. NO 072	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 069
LAT 48-151N	DAY 01	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-430W	HR 23.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
234	0000	1220 B	29979	559 B	2268	14919
234	0005	1025 B	30434	449 B	2338	14856
234	0010	1023 B	30514	431 B	2344	14857
234	0020	0953 B	31066	395 B	2398	14839
234	0030	0918	31332	379 B	2425	14831
234	0050	0817	32517	337 B	2532	14812
234	0075	0685	33557	252 B	2632	14778
234	0100	0649	33864	232	2661	14772
234	0150	0650	33882	242	2663	14781

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1220 B	29979	559 B	2268	14919	0000	00000	5176
0010	1023 B	30514	431 B	2344	14857	0048	00002	4453
0020	0953 B	31066	395 B	2398	14839	0090	00009	3938
0030	0918	31332	379 B	2425	14831	0129	00018	3639
0050	0817	32517	337 B	2532	14812	0193	00043	2666
0075	0685	33557	252 B	2632	14778	0248	00077	1718
0101	0649	33864	232	2661	14772	0288	00113	1445
0126	0633 B	3387 I	226	2664	14770	0324	00154	1423
0151	0650	33882	242	2663	14781	0360	00205	1441

C-REF-NO 007	YR 1968	DEPTH 154	WAVES 1	XX	AIR T	VIS
CONS. NO 073	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 070
LAT 48-190N	DAY 02	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-430W	HR 00.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
001	0000	1180 B	29984		2276	14905
001	0005	1020	30569		2349	14855
001	0010	1012 B	30656		2357	14854
001	0020	0995 B	30746		2367	14851
001	0030	0985	30853		2377	14850
001	0050	0928	31272		2418	14838
001	0075	0755	32861		2568	14796
001	0100	0670	33635		2641	14777
001	0150	0650	33853		2660	14780

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1180 B	29984		2276	14905	0000	00000	5103
0010	1012 B	30656		2357	14854	0047	00002	4331
0020	0995 B	30746		2367	14851	0090	00009	4239
0030	0985	30853		2377	14850	0132	00020	4146
0050	0928	31272		2418	14838	0212	00052	3753
0075	0755	32861		2568	14796	0288	00098	2328
0101	0670	33635		2641	14777	0338	00142	1642
0126	0633	3374 I		2654	14768	0378	00188	1519
0151	0650	33853		2660	14780	0416	00241	1463

C-REF-NO 007	YR 1968	DEPTH 117	WAVES 1	XX	AIR T	VIS
CONS. NO 074	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 071
LAT 48-220N	DAY 02	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-000W	HR 01.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
017	0000	1120 B	30356		2316	14888
017	0005	1091 B	30335		2319	14878
017	0010	1092 B	30336		2319	14879
017	0020	1010 B	30644		2356	14855
017	0030	1008	30752		2365	14857
017	0050	0956	31138		2403	14846
017	0075	0730	33104		2591	14790
017	0100	0655	33751		2652	14773

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1120 B	30356		2316	14888	0000	00000	4727
0010	1092 B	30336		2319	14879	0047	00002	4696
0020	1010 B	30644		2356	14855	0093	00009	4338
0030	1008	30752		2365	14857	0136	00020	4257
0050	0956	31138		2403	14846	0218	00053	3894
0075	0730	33104		2591	14790	0293	00099	2113
0101	0655	33751		2652	14773	0339	00139	1537



C-REF-NO 007	YR 1968	DEPTH 187	WAVES 1	XX	AIR T	VIS
CONS. NO 075	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 072
LAT 48-180N	DAY 02	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-040W	HR 02.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
024	0000	1140 B	30414	520 B	2316	14896
024	0005	1120	30380	510 B	2317	14889
024	0010	1102 B	30446	494 B	2326	14884
024	0020	0916 B	31409	386 B	2431	14830
024	0030	0912	31586	347	2445	14832
024	0050	0832	32267	389	2511	14814
024	0075	0697	33534	251 B	2629	14782
024	0100	0639	33867	257 B	2663	14768
024	0150	0636 B	33905	220 B	2666	14775

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1140 B	30414	520 B	2316	14896	0000	00000	4717
0010	1102 B	30446	494 B	2326	14884	0047	00002	4631
0020	0916 B	31409	386 B	2431	14830	0088	00008	3628
0030	0912	31586	347	2445	14832	0124	00018	3492
0050	0832	32267	389	2511	14814	0188	00043	2873
0075	0697	33534	251 B	2629	14782	0246	00079	1750
0101	0639	33867	257 B	2663	14768	0286	00114	1431
0126	0616	3388 I	237 C	2667	14763	0322	00155	1392
0151	0636 B	33905	220 B	2666	14775	0357	00205	1406

C-REF-NO 007	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 076	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 073
LAT 48-150N	DAY 02	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-061W	HR 03.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
031	0000	1100 B	30604		2338	14884
031	0005	1083	30579		2339	14878
031	0010	1058 B	30887		2367	14874
031	0020	0881 B	32183		2497	14827
031	0030	0798	32722		2551	14804
031	0050	0718	33510		2624	14786
031	0075	0695	33636		2637	14783
031	0100	0681	33727		2646	14783
031	0150	0670 B	33797		2653	14787

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1100 B	30604		2338	14884	0000	00000	4510
0010	1058 B	30887		2367	14874	0044	00002	4233
0020	0881 B	32183		2497	14827	0080	00007	3001
0030	0798	32722		2551	14804	0108	00014	2484
0050	0718	33510		2624	14786	0151	00031	1792
0075	0695	33636		2637	14783	0194	00059	1671
0101	0681	33727		2646	14783	0236	00096	1589
0126	0672	33780		2652	14784	0275	00141	1542
0151	0670 B	33797		2653	14787	0314	00196	1530

C-REF-NO 007	YR 1968	DEPTH 198	WAVES 1	XX	AIR T	VIS
CONS. NO 077	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 074
LAT 48-250N	DAY 02	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-350W	HR 05.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
054	0000	1140 B	30980		2360	14903
054	0005	1059	31413		2408	14880
054	0009	0966 B	32017		2470	14855
054	0019	0846 B	32592		2534	14819
054	0028	0834	32950		2564	14820
054	0047	0726	33489		2622	14789
054	0070	0693	33634		2637	14781
054	0094	0678	33733		2647	14781
054	0141	0665	33847		2658	14785

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1140 B	30980		2360	14903	0000	00000	4299
0010	0948 B	3207 I		2478	14849	0038	00002	3180
0020	0843 B	32637		2538	14818	0067	00006	2609
0030	0824 B	33023		2571	14817	0091	00012	2296
0050	0718	3352 C		2625	14786	0132	00029	1782
0075	0689	33658		2640	14781	0176	00056	1648
0101	0675	33754		2649	14781	0216	00092	1561
0126	0666	33821		2656	14782	0255	00137	1503

C-REF-NO 007	YR 1968	DEPTH 230	WAVES 1	XX	AIR T	VIS
CONS. NO 078	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 075
LAT 48-280N	DAY 02	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-321W	HR 06.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
062	0000	1090 B	30895	525 B	2362	14884
062	0005	1071	30886	516 B	2365	14878
062	0010	1059 B	30945	487 B	2372	14875
062	0020	1043 B	31001	478 B	2379	14872
062	0030	0897	31976	399 B	2478	14832
062	0050	0751	33185	314 B	2594	14795
062	0075	0687	33605	271 B	2636	14779
062	0100	0685	33668	265 B	2641	14783
062	0150	0646 B	33846	219	2660	14779
062	0200	0633	33923	222 B	2668	14783

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1090 B	30895	525 B	2362	14884	0000	00000	4278
0010	1059 B	30945	487 B	2372	14875	0043	00002	4191
0020	1043 B	31001	478 B	2379	14872	0084	00009	4126
0030	0897	31976	399 B	2478	14832	0121	00018	3181
0050	0751	33185	314 B	2594	14795	0174	00038	2079
0075	0687	33605	271 B	2636	14779	0221	00068	1685
0101	0685	33668	265 B	2641	14783	0263	00105	1638
0126	0667 B	3375 C	242 B	2651	14782	0303	00152	1551
0151	0646 B	33846	219	2660	14779	0341	00205	1463
0176	0637 B	33895	216	2665	14780	0378	00265	1419
0201	0633	33923	222 B	2668	14783	0413	00334	1396



C-REF-NO 007	YR 1968	DEPTH 82	WAVES 1	XX	AIR T	VIS
CONS. NO 079	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 076
LAT 48-311N	DAY 02	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-300W	HR 06.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
069	0000	1090 B	31161		2383	14888
069	0005	1061	31147		2387	14878
069	0010	1042 B	31146		2390	14872
069	0020	0954 B	31316		2418	14843
069	0030	0914 B	31550		2442	14833
069	0049	0866	32010		2485	14824
069	0073	0769	32975		2575	14803

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1090 B	31161		2383	14888	0000	00000	4081
0010	1042 B	31146		2390	14872	0041	00002	4015
0020	0954 B	31316		2418	14843	0080	00008	3753
0030	0914 B	31550		2442	14833	0116	00017	3522
0050	0863	32042		2488	14823	0183	00044	3084



OCEANOGRAPHIC DATA CRUISE 008/68

25 - 29 AUGUST 1968





C-REF-NO 008	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 001	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 001
LAT 49-204N	DAY 26	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-120W	HR 19.3	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
193	0000	1440 B	24457		1802	14926
193	0005	1347 B	26196		1953	14917
193	0010	1224	27970		2113	14897
193	0020	1161	28270		2147	14880
193	0030	1068	28791		2203	14855
193	0050	1017	29037		2230	14842
193	0075	0902	29591		2291	14810
193	0100	0860	30264		2350	14807
193	0150	0861	30687		2383	14821
193	0200	0857	30789		2391	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1440 B	24457		1802	14926	0000	00000	9653
0010	1224	27970		2113	14897	0082	00003	6668
0020	1161	28270		2147	14880	0147	00013	6341
0030	1068	28791		2203	14855	0208	00029	5805
0050	1017	29037		2230	14842	0322	00075	5547
0075	0902	29591		2291	14810	0453	00158	4967
0100	0860	30264		2350	14807	0571	00263	4409
0125	0854 C	3047 I		2367	14811	0680	00387	4247
0151	0861	30687		2383	14821	0785	00535	4104
0176	0858	3078 C		2391	14825	0887	00704	4026
0201	0857	30789		2391	14829	0988	00899	4029

C-REF-NO 008	YR 1968	DEPTH 274	WAVES 1	XX	AIR T	VIS
CONS. NO 002	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 002
LAT 49-242N	DAY 26	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-093W	HR 20.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
202	0000	1570 B	20549	667 B	1478	14923
202	0005	1530		621 B		
202	0010	1420	25812	548 B	1910	14938
202	0020	1140	28215	491 B	2146	14873
202	0030	0997	29109	428 B	2239	14833
202	0050	0925	29500	403	2281	14815
202	0075	0864 B	29945	410	2324	14801
202	0100	0863	30362	400 B	2357	14810
202	0150	0869 B	30651	378 B	2379	14824
202	0200	0858	30792	362 B	2391	14830
202	0250	0860	30868	356 B	2397	14840

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1570 B	20549	667 B	1478	14923	0000	00000	12794
0010	1420	25812	548 B	1910	14938	0107	00004	8615
0020	1140	28215	491 B	2146	14872	0182	00015	6347
0030	0997	29109	428 B	2239	14833	0241	00030	5459
0050	0925	29500	403	2281	14814	0346	00073	5064
0075	0864 B	29945	410	2324	14800	0468	00150	4650
0100	0863	30362	400 B	2357	14809	0581	00250	4341
0125	0866	3050 I	389 B	2368	14817	0689	00374	4242
0151	0869 B	30651	378 B	2379	14824	0794	00522	4142
0176	0864	30735	369 B	2386	14827	0898	00694	4075
0201	0858	30792	362 B	2391	14829	0999	00889	4028
0226	0858	30840	358 B	2395	14834	1100	01108	3996
0251	0860	30868	356 B	2397	14839	1201	01352	3982

C-REF-NO 008	YR 1968	DEPTH 320	WAVES 1	XX	AIR T	VIS
CONS. NO 003	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 003
LAT 49-267N	DAY 26	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-201W	HR 21.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
212	0000	1570 B	21629	683 B	1560	14936
212	0005	1569	21266	698 B	1533	14932
212	0010	1462	24002	637 B	1763	14930
212	0020	1285	27324	567 B	2052	14912
212	0030	0990	29022	422 B	2234	14829
212	0050	0915	29540	411 B	2285	14811
212	0075	0861	29964	416 B	2326	14800
212	0100	0863 B	30327	387 B	2354	14809
212	0150	0874	30657	374 B	2379	14826
212	0200	0857	30818	345	2394	14829
212	0250	0860	30859	350 B	2396	14839
212	0300	0866	30918	354 B	2400	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1570 B	21629	683 B	1560	14936	0000	00000	11994
0010	1462	24002	637 B	1763	14930	0110	00005	10032
0020	1285	27324	567 B	2052	14912	0196	00018	7255
0030	0990	29022	422 B	2234	14829	0260	00033	5513
0050	0915	29540	411 B	2285	14811	0366	00076	5020
0075	0861	29964	416 B	2326	14800	0487	00153	4631
0100	0863 B	30327	387 B	2354	14809	0600	00253	4366
0125	0870 B	3049 I	378 B	2366	14818	0708	00378	4257
0151	0874	30657	374 B	2379	14826	0814	00526	4144
0176	0866	30756	358	2387	14828	0917	00697	4063
0201	0857	30818	345	2394	14829	1018	00892	4007
0226	0857	3084 B	345	2396	14834	1119	01110	3990
0251	0860	30859	350 B	2396	14839	1219	01354	3989
0301	0866	30918	354 B	2400	14850	1419	01916	3960

C-REF-NO 008	YR 1968	DEPTH 338	WAVES 1	XX	AIR T	VIS
CONS. NO 004	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 004
LAT 49-243N	DAY 26	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-221W	HR 21.8	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
218	0000	1440 B	25020		1845	14933
218	0005	1325	26397		1973	14912
218	0010	1293	27640		2075	14917
218	0020	1099	28538		2178	14861
218	0030	1039	28958		2221	14846
218	0050	0945	29343		2265	14819
218	0075	0867 B	29783		2311	14800
218	0100	0863	30255		2349	14808
218	0150	0858	30703		2385	14820
218	0200	0856	30783		2391	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1440 B	25020		1845	14933	0000	00000	9238
0010	1293	27640		2075	14917	0081	00004	7033
0020	1099	28538		2178	14861	0147	00013	6042
0030	1039	28958		2221	14846	0205	00028	5635
0050	0945	29343		2265	14819	0314	00072	5210
0075	0867 B	29783		2311	14800	0439	00152	4775
0100	0863	30255		2349	14808	0555	00254	4420
0125	0860	3054 D		2372	14815	0663	00378	4205
0151	0858	30703		2385	14820	0767	00525	4087
0176	0857	30793		2392	14825	0869	00694	4022
0201	0856	30783		2391	14829	0970	00888	4032



C-REF-NO 008	YR 1968	DEPTH 320	WAVES 1	XX	AIR T	VIS
CONS. NO 005	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 005
LAT 49-275N	DAY 26	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-306W	HR 22.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
227	0000	1470 B	24855		1827	14941
227	0005	1380	25716		1910	14922
227	0010	1291	27264		2046	14911
227	0020	1172	28276		2146	14884
227	0030	1122	28530		2174	14871
227	0050	1019	29061		2232	14843
227	0075	0906 B	29550		2287	14811
227	0100	0859	30208		2346	14806
227	0150	0857	30707		2385	14820
227	0200	0856 B	30801		2392	14829
227	0250	0856	30843		2396	14838
227	0300	0859	30885		2399	14847

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1470 B	24855		1827	14941	0000	00000	9416
0010	1291	27264		2046	14911	0084	00004	7307
0020	1172	28276		2146	14884	0152	00014	6355
0030	1122	28530		2174	14871	0214	00030	6086
0050	1019	29061		2232	14843	0331	00077	5532
0075	0906 B	29550		2287	14811	0463	00160	5002
0100	0859	30208		2346	14806	0582	00266	4450
0125	0850 C	3045 I		2366	14810	0691	00391	4255
0151	0857	30707		2385	14820	0796	00538	4083
0176	0856	3075 I		2389	14824	0898	00708	4051
0201	0856 B	30801		2392	14829	0999	00902	4018
0226	0856	30825		2394	14833	1100	01122	4003
0251	0856	30843		2396	14838	1201	01366	3994
0301	0859	30885		2399	14847	1401	01930	3974

C-REF-NO 008	YR 1968	DEPTH 68	WAVES 1	XX	AIR T	VIS
CONS. NO 006	MONTH 8	MXSAMPD 00	WAVES 2	XX	WET B	STN 077
LAT 49-286N	DAY 26	NO.DPTH 6	WND-DIR		WW-CODE	
LON 124-454W	HR 23.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
239	0000	1460 B	27157		2005	14965
239	0005	1371	27432		2044	14940
239	0010	1307	27731		2079	14923
239	0020	1208	28142		2129	14895
239	0030	1111	28528		2175	14867
239	0050	1061	28738		2200	14855

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1460 B	27157		2005	14965	0000	00000	7699
0010	1307	27731		2079	14923	0074	00004	6991
0020	1208	28142		2129	14895	0141	00014	6516
0030	1111	28528		2175	14867	0204	00030	6070
0050	1061	28738		2200	14855	0324	00078	5837

C-REF-NO 008	YR 1968	DEPTH 27	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 8	MXSAMPD 00	WAVES 2	XX	WET B	STN 078
LAT 49-396N	DAY 27	NO.DPTH 4	WND-DIR		WW-CODE	
LON 124-558W	HR 01.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
011	0000	1440 B	26187		1935	14947
011	0005	1425	26534		1964	14947
011	0010	1383	27028		2011	14940
011	0020	1138	28265		2151	14872

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1440 B	26187		1935	14947	0000	00000	8376
0010	1383	27028		2011	14940	0080	00004	7648
0020	1138	28265		2151	14872	0150	00014	6307

C-REF-NO 008	YR 1968	DEPTH 196	WAVES 1	XX	AIR T	VIS
CONS. NO 008	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 006
LAT 49-306N	DAY 27	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-277W	HR 03.0	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
030	0000	1540 B	22316	696 B	1619	14934
030	0005	1505	23015	697 B	1679	14931
030	0010	1379 B		637 B		
030	0020	1238		538 B		
030	0030	1047	28868	443 B	2212	14850
030	0050	0974	28873	416 B	2224	14827
030	0075	0857	29969	390	2327	14801
030	0100	0850	30287	400	2353	14806
030	0150	0858 B	30705	360 B	2385	14823
030	0180	0856	30761	349 B	2389	14827

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1540 B	22316	696 B	1619	14934	0000	00000	11427
0010	1379 B	2418 I	637 B	1793	14904	0106	00005	9742
0020	1238	2652 I	538 B	1999	14886	0193	00018	7763
0030	1047	28868	443 B	2212	14848	0261	00034	5715
0050	0974	28873	416 B	2224	14824	0374	00081	5603
0075	0857	29969	390	2327	14798	0502	00161	4621
0100	0850	30287	400	2353	14804	0615	00262	4378
0125	0853 B	3053 B	383 B	2372	14812	0723	00385	4198
0150	0858 B	30705	360 B	2385	14820	0827	00531	4086
0176	0857	30761	350 B	2389	14824	0929	00701	4045



C-REF-NO 008	YR 1968	DEPTH 353	WAVES 1	XX	AIR T	VIS
CONS. NO 009	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 007
LAT 49-344N	DAY 27	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-242W	HR 03.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
037	0000	1530 B	21684		1573	14923
037	0005	1529	21573		1564	14922
037	0010	1520	21908		1592	14924
037	0020	1241	27804		2097	14902
037	0030	1017	28880		2218	14837
037	0050	0912	29545		2286	14809
037	0075	0859	30060		2334	14800
037	0100	0863	30267		2350	14808
037	0150	0857 B	30551		2373	14818
037	0200	0853	30618		2379	14825
037	0250	0856	30655		2381	14835
037	0300	0858	30678		2383	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1530 B	21684		1573	14923	0000	00000	11876
0010	1520	21908		1592	14924	0117	00006	11691
0020	1241	27804		2097	14902	0210	00019	6822
0030	1017	28880		2218	14837	0272	00034	5660
0050	0912	29545		2286	14809	0380	00077	5012
0075	0859	30060		2334	14800	0500	00153	4557
0100	0863	30267		2350	14808	0612	00254	4412
0125	0861	30433		2363	14814	0721	00379	4288
0150	0857 B	30551		2373	14818	0828	00529	4198
0176	0854	3060 C		2377	14822	0933	00703	4161
0201	0853	30618		2379	14825	1038	00904	4150
0226	0854	30639		2380	14830	1142	01130	4140
0251	0856	30655		2381	14835	1246	01383	4134
0301	0858	30678		2383	14844	1453	01967	4126

C-REF-NO 008	YR 1968	DEPTH 344	WAVES 1	XX	AIR T	VIS
CONS. NO 010	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 008
LAT 49-354N	DAY 27	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-393W	HR 04.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## Q: B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
047	0000	1530 B	21507		1559	14921
047	0005	1509	21824		1587	14919
047	0010	1415	25540		1890	14933
047	0020	1107	28304		2159	14861
047	0030	0997	28938		2226	14830
047	0050	0920	29454		2278	14811
047	0075	0864	29840		2316	14799
047	0100	0856	30182		2344	14805
047	0150	0869 B	30546		2371	14822
047	0200	0857	30619		2378	14827
047	0250	0858	30627		2379	14835
047	0300	0857	30681		2383	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1530 B	21507		1559	14921	0000	00000	12006
0010	1415	25540		1890	14933	0104	00004	8807
0020	1107	28304		2159	14861	0179	00015	6228
0030	0997	28938		2226	14830	0238	00030	5586
0050	0920	29454		2278	14811	0345	00073	5091
0075	0864	29840		2316	14799	0469	00152	4727
0100	0856	30182		2344	14805	0584	00254	4465
0125	0862 B	3040 B		2361	14814	0694	00381	4307
0151	0869 B	30546		2371	14822	0801	00531	4220
0176	0864	3060 C		2376	14825	0907	00706	4172
0201	0857	30619		2378	14827	1011	00907	4155
0226	0857	3062 B		2379	14831	1116	01134	4155
0251	0858	30627		2379	14835	1220	01388	4158
0301	0857	30681		2383	14844	1428	01974	4123

C-REF-NO 008	YR 1968	DEPTH 170	WAVES 1	XX	AIR T	VIS
CONS. NO 011	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 009
LAT 49-355N	DAY 27	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-384W	HR 05.6	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
056	0000	1410 B	26692	632 B	1980	14943
056	0005	1395	26952	618 B	2002	14942
056	0010	1373	27158	605 B	2022	14938
056	0020	1245	27880	536 B	2102	14905
056	0030	1158	28354	499 B	2154	14882
056	0050	1028	29028	441 B	2228	14846
056	0075	0855	29912	393 B	2323	14797
056	0100	0850 B	30257	403 B	2351	14803
056	0150	0860 B	30742	324 B	2387	14821

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1410 B	26692	632 B	1980	14943	0000	00000	7947
0010	1373	27158	605 B	2022	14938	0077	00004	7534
0020	1245	27880	536 B	2102	14905	0149	00015	6774
0030	1158	28354	499 B	2154	14882	0214	00031	6276
0050	1028	29028	441 B	2228	14846	0333	00079	5571
0075	0855	29912	393 B	2323	14797	0462	00159	4661
0100	0850 B	30257	403 B	2351	14803	0575	00261	4401
0125	0842 D	3049 I	374 B	2371	14807	0684	00385	4212
0151	0860 B	30742	324 B	2387	14821	0787	00531	4061

C-REF-NO 008	YR 1968	DEPTH 91	WAVES 1	XX	AIR T	VIS
CONS. NO 012	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 010
LAT 49-408N	DAY 27	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-473W	HR 06.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
064	0000	1430 B	26420		1955	14947
064	0005	1399	26625		1977	14940
064	0010	1352	27399		2045	14934
064	0020	1131	28490		2169	14872
064	0030	1095	28757		2196	14864
064	0050	0962	29431		2270	14827
064	0075	0849	30266		2352	14799

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1430 B	26420		1955	14947	0000	00000	8185
0010	1352	27399		2045	14934	0078	00004	7318
0020	1131	28490		2169	14872	0145	00014	6128
0030	1095	28757		2196	14864	0205	00029	5874
0050	0962	29431		2270	14827	0316	00074	5170
0075	0849	30266		2352	14799	0436	00149	4390



C-REF-NO 008	YR 1968	DEPTH 307	WAVES 1	XX	AIR T	VIS
CONS. NO 013	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 011
LAT 49-424N	DAY 27	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-434W	HR 07.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
070	0000	1460 B	23010		1688	14916
070	0005	1462	23520		1726	14923
070	0010	1330	26935		2013	14921
070	0020	1227	28054		2119	14901
070	0030	1017	28714		2205	14835
070	0050	0908	29557		2288	14808
070	0075	0853	29934		2325	14796
070	0100	0851	30202		2346	14803
070	0150	0849 B	30512		2371	14814
070	0200	0850	30602		2378	14824
070	0250	0852	30626		2379	14833
070	0275	0853	30636		2380	14838

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1460 B	23010		1688	14916	0000	00000	10762
0010	1330	26935		2013	14921	0092	00004	7620
0020	1227	28054		2119	14901	0163	00015	6613
0030	1017	28714		2205	14835	0225	00030	5783
0050	0908	29557		2288	14808	0333	00074	4998
0075	0853	29934		2325	14796	0454	00150	4642
0100	0851	30202		2346	14803	0568	00252	4443
0125	0850	30390		2361	14809	0678	00378	4305
0151	0849 B	30512		2371	14814	0785	00528	4217
0176	0849	3057 B		2376	14819	0891	00704	4173
0201	0850	30602		2378	14824	0995	00904	4157
0226	0851	30618		2379	14829	1100	01131	4150
0251	0852	30626		2379	14833	1204	01385	4149

C-REF-NO 008	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 014	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 012
LAT 49-436N	DAY 27	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-406W	HR 07.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
076	0000	1510 B	22292	697 B	1623	14924
076	0005	1499	22427	731 B	1635	14922
076	0010	1449	24991	686 B	1841	14937
076	0020	1237	27506	509 B	2075	14897
076	0030	1051	29031	445 B	2224	14851
076	0050	0871	29695	393 B	2304	14796
076	0075	0848	30100	407 B	2339	14796
076	0100	0850	30266	405 B	2352	14803
076	0150	0856 C	30483	391 B	2368	14817
076	0200	0854	30591	380 B	2376	14825
076	0250	0857	30640	367 B	2380	14835
076	0300	0857	30646	363 B	2380	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1510 B	22292	697 B	1623	14924	0000	00000	11387
0010	1449	24991	686 B	1841	14937	0103	00005	9277
0020	1237	27506	509 B	2075	14897	0185	00017	7035
0030	1051	29031	445 B	2224	14851	0248	00032	5600
0050	0871	29695	393 B	2304	14796	0353	00074	4842
0075	0848	30100	407 B	2339	14796	0470	00149	4511
0100	0850	30266	405 B	2352	14803	0582	00249	4394
0125	0853 B	30391	399 B	2361	14810	0691	00374	4309
0151	0856 C	30483	391 B	2368	14817	0799	00525	4248
0176	0855 B	30547	385 B	2373	14821	0905	00702	4202
0201	0854	30591	380 B	2376	14825	1010	00903	4170
0226	0855	30622	373 B	2379	14830	1115	01131	4153
0251	0857	30640	367 B	2380	14835	1219	01384	4147
0301	0857	30646	363 B	2380	14844	1428	01972	4149

C-REF-NO 008	YR 1968	DEPTH 243	WAVES 1	XX	AIR T	VIS
CONS. NO 015	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 013
LAT 49-553N	DAY 27	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-553W	HR 09.1	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
091	0000	1570 B	24678		1793	14972
091	0005	1565	24647		1792	14970
091	0010	1562	24725		1798	14971
091	0020	1368	26707		1989	14932
091	0030	0979	28872		2224	14823
091	0050	0894	29660		2298	14804
091	0075	0854	29919		2324	14796
091	0100	0840 B	30197		2348	14799
091	0150	0845 B	30477		2369	14812
091	0200	0849 D	30551		2374	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1570 B	24678		1793	14972	0000	00000	9742
0010	1562	24725		1798	14971	0097	00005	9692
0020	1368	26707		1989	14932	0185	00018	7860
0030	0979	28872		2224	14823	0252	00034	5608
0050	0894	29660		2298	14804	0358	00077	4901
0075	0854	29919		2324	14796	0478	00153	4655
0100	0840 B	30197		2348	14799	0592	00255	4431
0125	0840 B	3037 B		2361	14805	0701	00381	4305
0151	0845 B	30477		2369	14812	0809	00531	4237
0176	0847 B	30542		2374	14818	0915	00707	4194
0201	0849 D	30551		2374	14823	1020	00909	4194

C-REF-NO 008	YR 1968	DEPTH 315	WAVES 1	XX	AIR T	VIS
CONS. NO 016	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 014
LAT 49-528N	DAY 27	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-594W	HR 09.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
098	0000	1430 B	26472	605 B	1959	14947
098	0005	1396	26522	598 B	1969	14937
098	0010	1298	27304	536 B	2048	14914
098	0020	1222	27895	518 B	2107	14897
098	0030	1061	28698	461 B	2197	14851
098	0050	0874	29755	392 B	2308	14798
098	0075	0841	30069	378 B	2337	14793
098	0100	0842	30367	388	2361	14802
098	0150	0849 B	30521	368 B	2372	14814
098	0200	0852 C	30589	359 B	2376	14825
098	0250	0851	30617	357 B	2379	14833

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1430 B	26472	605 B	1959	14947	0000	00000	8147
0010	1298	27304	536 B	2048	14914	0077	00004	7291
0020	1222	27895	518 B	2107	14897	0147	00014	6723
0030	1061	28698	461 B	2197	14851	0210	00030	5863
0050	0874	29755	392 B	2308	14798	0317	00073	4802
0075	0841	30069	378 B	2337	14793	0435	00147	4525
0100	0842	30367	388	2361	14802	0545	00246	4309
0125	0845	3044 I	381 B	2366	14808	0653	00370	4259
0151	0849 B	30521	368 B	2372	14814	0759	00519	4210
0176	0851 B	30563	362 B	2375	14820	0865	00695	4185
0201	0852 C	30589	359 B	2376	14825	0970	00896	4170
0226	0852 B	30609	357 B	2378	14829	1075	01124	4158
0251	0851	30617	357 B	2379	14833	1179	01378	4155



C-REF-NO 008	YR 1968	DEPTH 102	WAVES 1	XX	AIR T	VIS
CONS. NO 017	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 015
LAT 49-516N	DAY 27	NO.DPTH 7	WND-DIR		WW-CODE	
LON 125-016W	HR 10.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
104	0000	1360 B	27066		2018	14931
104	0005	1418	26973		1999	14950
104	0010	1261	27881		2099	14909
104	0020	1149	28330		2154	14876
104	0030	1110	28607		2182	14867
104	0050	1006	29326		2255	14842
104	0075	0840	30175		2346	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1360 B	27066		2018	14931	0000	00000	7577
0010	1261	27881		2099	14909	0072	00003	6799
0020	1149	28330		2154	14876	0137	00013	6277
0030	1110	28607		2182	14867	0199	00029	6009
0050	1006	29326		2255	14842	0313	00075	5315
0075	0840	30175		2346	14794	0435	00152	4445

C-REF-NO 008	YR 1968	DEPTH 174	WAVES 1	XX	AIR T	VIS
CONS. NO 018	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 016
LAT 49-572N	DAY 27	NO.DPTH 9	WND-DIR		WW-CODE	
LON 125-075W	HR 11.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
113	0000	1460 B	25933	612 B	1911	14951
113	0005	1482	25529	624 B	1876	14954
113	0010	1454	26051	602 B	1922	14952
113	0020	1177	27948	484 B	2119	14882
113	0030	1099 B	28276	463 B	2158	14859
113	0050	0986	28861	418 B	2222	14829
113	0075	0911	29743	403 B	2302	14816
113	0100	0840	30093	388 B	2340	14797
113	0150	0850	30467	367 B	2367	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1460 B	25933	612 B	1911	14951	0000	00000	8601
0010	1454	26051	602 B	1922	14952	0086	00004	8503
0020	1177	27948	484 B	2119	14882	0161	00015	6606
0030	1099 B	28276	463 B	2158	14859	0225	00032	6236
0050	0986	28861	418 B	2222	14829	0344	00080	5630
0075	0911	29743	403 B	2302	14816	0476	00163	4867
0100	0840	30093	388 B	2340	14797	0594	00267	4509
0125	0823	3028 I	376 B	2357	14797	0705	00395	4349
0151	0850	30467	367 B	2367	14814	0813	00547	4252

C-REF-NO 008	YR 1968	DEPTH 256	WAVES 1	XX	AIR T	VIS
CONS. NO 019	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 017
LAT 49-588N	DAY 27	NO.DPTH 11	WND-DIR		WW-CODE	
LON 125-043W	HR 12.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
121	0000	1550 B	24465		1781	14963
121	0005	1568	24614		1789	14971
121	0010	1525	24957		1824	14962
121	0020	1429	26448		1957	14950
121	0030	1045	28365		2174	14841
121	0050	0906	29404		2276	14805
121	0075	0847	30078		2337	14796
121	0100	0844	30166		2345	14800
121	0150	0847 B	30380		2361	14812
121	0200	0847	30556		2375	14822
121	0250	0851 B	30602		2378	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1550 B	24465		1781	14963	0000	00000	9860
0010	1525	24957		1824	14962	0096	00005	9448
0020	1429	26448		1957	14950	0184	00018	8165
0030	1045	28365		2174	14841	0256	00036	6085
0050	0906	29404		2276	14805	0368	00080	5109
0075	0847	30078		2337	14796	0489	00157	4527
0100	0844	30166		2345	14800	0602	00257	4460
0125	0845	3027 B		2353	14805	0713	00385	4386
0151	0847 B	30380		2361	14812	0822	00538	4312
0176	0847	3047 B		2369	14817	0930	00717	4242
0201	0847	30556		2375	14822	1036	00920	4187
0226	0849	30593		2377	14827	1140	01148	4165
0251	0851 B	30602		2378	14832	1245	01403	4165

C-REF-NO 008	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 020	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 018
LAT 49-592N	DAY 27	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-589W	HR 12.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
129	0000	1540 B	24742		1804	14963
129	0005	1551	24736		1801	14967
129	0010	1552	24722		1800	14968
129	0020		24936			
129	0040	0914	29397		2274	14808
129	0060	0873	29869		2317	14802
129	0085	0856	30178		2344	14804
129	0110	0846	30258		2352	14805
129	0135	0847	30400		2362	14811

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1540 B	24742		1804	14963	0000	00000	9635
0010	1552	24722		1800	14968	0096	00005	9674
0020	1339 I	24936		1858	14901	0190	00019	9117
0030	1127 I	2716 I		2067	14855	0271	00039	7104
0050	0893 I	2963 I		2296	14804	0392	00086	4921
0075	0860	30087		2336	14801	0511	00161	4539
0100	0849	3023 D		2349	14802	0623	00262	4415
0125	0845	3034 B		2358	14807	0733	00388	4335



C-REF-NO 008	YR 1968	DEPTH 271	WAVES 1	XX	AIR T	VIS
CONS. NO 021	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 019
LAT 50-011N	DAY 27	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-529W	HR 13.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
137	0000	1580 B	23867		1729	14965
137	0005	1607	23848		1722	14974
137	0010	1579	24540		1781	14974
137	0020	1216 B	27251		2059	14887
137	0030	1000	28477		2190	14826
137	0050	0913	29223		2261	14806
137	0075	0867 B	29971		2326	14802
137	0100	0862	30211		2346	14807
137	0150	0869	30451		2363	14821
137	0200		30507			
137	0250	0868	30531		2370	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1580 B	23867		1729	14965	0000	00000	10360
0010	1579	24540		1781	14974	0101	00005	9862
0020	1216 B	27251		2059	14887	0186	00017	7188
0030	1000	28477		2190	14826	0252	00034	5934
0050	0913	29223		2261	14806	0364	00079	5254
0075	0867 B	29971		2326	14802	0488	00157	4635
0100	0862	30211		2346	14807	0602	00259	4453
0125	0864	3036 B		2357	14814	0713	00386	4346
0151	0869	30451		2363	14821	0821	00538	4291
0176	0870	3049 B		2366	14826	0929	00717	4265
0201	0870	30507		2367	14830	1036	00922	4257
0226	0869	30526		2369	14834	1143	01154	4245
0251	0868	30531		2370	14838	1249	01414	4242

C-REF-NO 008	YR 1968	DEPTH 293	WAVES 1	XX	AIR T	VIS
CONS. NO 022	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 020
LAT 49-472N	DAY 27	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-323W	HR 15.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
155	0000	1550 B	21863	659 B	1582	14932
155	0005	1567	21977	670 B	1587	14939
155	0010	1564	23284	640 B	1688	14955
155	0020	1149	28002	458 B	2128	14872
155	0030	0910	29380		2274	14803
155	0050	0851	29701	390	2307	14788
155	0075	0836 B	29992	405 B	2332	14790
155	0100	0843	30256	426 B	2352	14800
155	0150	0865 B	30597	306 B	2375	14821
155	0200	0870	30800	269 B	2390	14834
155	0250	0859	30852	322 B	2396	14839
155	0275	0862	30886	340	2398	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1550 B	21863	659 B	1582	14932	0000	00000	11782
0010	1564	23284	640 B	1688	14955	0112	00005	10760
0020	1149	28002	458 B	2128	14872	0199	00018	6519
0030	0910	29380	435 I	2274	14803	0257	00032	5130
0050	0851	29701	390	2307	14788	0357	00072	4810
0075	0836 B	29992	405 B	2332	14790	0475	00147	4575
0100	0843	30256	426 B	2352	14800	0587	00248	4391
0125	0854	3045 B	366 I	2365	14811	0696	00373	4266
0151	0865 B	30597	306 B	2375	14821	0802	00522	4177
0176	0870	30717	277 B	2384	14829	0906	00694	4097
0201	0870	30800	269 B	2390	14834	1008	00890	4040
0226	0864	3083 C	291 B	2394	14836	1109	01110	4010
0251	0859	30852	322 B	2396	14839	1210	01355	3992

C-REF-NO 008	YR 1968	DEPTH 342	WAVES 1	XX	AIR T	VIS
CONS. NO 023	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 021
LAT 49-438N	DAY 27	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-219W	HR 16.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
165	0000	1560 B	22660		1641	14944
165	0005	1562	22115		1599	14939
165	0010	1561	23052		1671	14951
165	0020	1054	28302		2167	14842
165	0030	0952	29122		2247	14816
165	0050	0853	29658		2304	14788
165	0075	0848 B	30071		2337	14796
165	0100	0846	30320		2356	14802
165	0150	0863 B	30619		2377	14821
165	0200	0870	30775		2388	14834
165	0250	0860	30850		2396	14839
165	0300	0866	30906		2399	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1560 B	22660		1641	14944	0000	00000	11212
0010	1561	23052		1671	14951	0110	00006	10925
0020	1054	28302		2167	14842	0196	00017	6146
0030	0952	29122		2247	14816	0254	00032	5382
0050	0853	29658		2304	14788	0356	00073	4844
0075	0848 B	30071		2337	14796	0474	00148	4533
0100	0846	30320		2356	14802	0585	00247	4349
0125	0853 B	3049 B		2369	14812	0693	00371	4232
0151	0863 B	30619		2377	14821	0798	00519	4157
0176	0868	30711		2384	14828	0902	00691	4099
0201	0870	30775		2388	14834	1005	00888	4059
0226	0865	30819		2393	14837	1106	01109	4023
0251	0860	30850		2396	14839	1207	01354	3995
0301	0866	30906		2399	14850	1407	01917	3969



C-REF-NO 008	YR 1968	DEPTH 364	WAVES 1	XX	AIR T	VIS
CONS. NO 024	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 022
LAT 49-402N	DAY 27	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-163W	HR 17.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
173	0000	1560 B	22124		1600	14938
173	0005	1566	22405		1620	14944
173	0010	1553	23129		1678	14949
173	0020	1086	28116		2148	14851
173	0030	0946 B	29084		2245	14813
173	0050	0861	29626		2300	14791
173	0075	0869 B	30055		2332	14804
173	0100	0849	30283		2353	14803
173	0150	0865 C	30270		2350	14817
173	0200	0862	30769		2389	14831
173	0250	0858	30855		2396	14838
173	0300	0872 B	30967		2403	14853
173	0350	0887	31111		2412	14869

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1560 B	22124		1600	14938	0000	00000	11608
0010	1553	23129		1678	14949	0112	00005	10852
0020	1086	28116		2148	14851	0198	00017	6334
0030	0946 B	29084		2245	14813	0257	00032	5402
0050	0861	29626		2300	14791	0360	00074	4879
0075	0869 B	30055		2332	14804	0479	00149	4575
0100	0849	30283		2353	14803	0591	00249	4381
0125	0854 C	3027 I		2352	14809	0701	00376	4395
0151	0865 C	30270		2350	14817	0812	00532	4419
0176	0865 B	3051 I		2369	14824	0921	00712	4238
0201	0862	30769		2389	14831	1025	00912	4051
0226	0859	3081 I		2393	14834	1126	01132	4017
0251	0858	30855		2396	14838	1227	01377	3989
0301	0872 B	30967		2403	14853	1426	01937	3934



C-REF-NO 008	YR 1968	DEPTH 432	WAVES 1	XX	AIR T	VIS
CONS. NO 025	MONTH 8	MXSAMPD 04	WAVES 2	XX	WET B	STN 023
LAT 49-351N	DAY 27	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-097W	HR 18.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
182	0000	1580 B	21393		1540	14936
182	0005	1570	21565		1555	14936
182	0010	1524 B	23298		1697	14942
182	0020	1021	28487		2187	14832
182	0030	0922	29202		2258	14806
182	0050	0860	29636		2301	14791
182	0075	0869	30021		2330	14803
182	0100	0855	30268		2351	14805
182	0150	0856 B	30595		2376	14818
182	0200	0856	30748		2388	14828
182	0250	0862	30869		2397	14840
182	0300	0881	31023		2406	14858
182	0400	0889	31193		2418	14879

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1580 B	21393		1540	14936	0000	00000	12188
0010	1524 B	23298		1697	14942	0114	00005	10671
0020	1021	28487		2187	14832	0197	00017	5957
0030	0922	29202		2258	14806	0253	00031	5279
0050	0860	29636		2301	14791	0355	00072	4870
0075	0869	30021		2330	14803	0474	00148	4600
0100	0855	30268		2351	14805	0587	00248	4400
0125	0853 B	30456		2366	14811	0696	00373	4260
0151	0856 B	30595		2376	14818	0802	00522	4164
0176	0856	3068 B		2383	14823	0906	00694	4102
0201	0856	30748		2388	14828	1008	00891	4058
0226	0858	30808		2393	14834	1110	01112	4019
0251	0862	30869		2397	14840	1210	01356	3984
0301	0881	31023		2406	14858	1409	01914	3905
0402	0889	31193		2418	14879	1797	03302	3806

C-REF-NO 008	YR 1968	DEPTH 426	WAVES 1	XX	AIR T	VIS
CONS. NO 026	MONTH 8	MXSAMPD 04	WAVES 2	XX	WET B	STN 024
LAT 49-303N	DAY 27	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-060W	HR 19.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
192	0000	1560 B	20629	700 B	1486	14921
192	0005	1563	21065	702 B	1519	14927
192	0010	1518	23100	603 B	1683	14938
192	0020	0975	28828	414	2221	14819
192	0030	0924	29219	368 B	2259	14807
192	0050	0883	29622	389 B	2297	14799
192	0075	0868	30068	411 B	2333	14804
192	0100	0860	30303	383	2353	14808
192	0150	0858 B	30597	363 B	2376	14819
192	0200	0856	30766	348 B	2390	14828
192	0250	0858	30840	347 B	2395	14838
192	0300	0876	30962	340 B	2402	14855
192	0400	0889	31143	357	2414	14878

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1560 B	20629	700 B	1486	14921	0000	00000	12715
0010	1518	23100	603 B	1683	14938	0117	00005	10806
0020	0975	28828	414	2221	14819	0199	00017	5634
0030	0924	29219	368 B	2259	14807	0254	00031	5269
0050	0883	29622	389 B	2297	14799	0356	00072	4914
0075	0868	30068	411 B	2333	14804	0475	00147	4564
0100	0860	30303	383	2353	14808	0588	00247	4381
0125	0858	3047 B	370	2367	14813	0696	00372	4255
0151	0858 B	30597	363 B	2376	14819	0802	00520	4166
0176	0857	30695	354 B	2384	14824	0906	00693	4095
0201	0856	30766	348 B	2390	14828	1008	00889	4044
0226	0856	3080 B	347 B	2393	14833	1109	01109	4018
0251	0858	30840	347 B	2395	14838	1210	01354	3999
0301	0876	30962	340 B	2402	14855	1410	01916	3942
0402	0889	31143	357	2414	14878	1801	03317	3842

C-REF-NO 008	YR 1968	DEPTH 311	WAVES 1	XX	AIR T	VIS
CONS. NO 027	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 025
LAT 49-276N	DAY 27	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-076W	HR 19.9	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
199	0000	1530 B	21006		1521	14915
199	0005	1516	21403		1554	14916
199	0010	1432	24998		1845	14932
199	0020	1185	27669		2096	14881
199	0030	0980	28988		2232	14825
199	0050	0885	29588		2294	14800
199	0075	0880	29994		2326	14807
199	0100	0867	30290		2351	14810
199	0150	0856	30584		2376	14818
199	0200	0856 B	30781		2391	14829
199	0250	0858				
199	0300	0869 B	30927		2400	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1530 B	21006		1521	14915	0000	00000	12378
0010	1432	24998		1845	14932	0108	00005	9239
0020	1185	27669		2096	14881	0188	00016	6827
0030	0980	28988		2232	14825	0250	00032	5524
0050	0885	29588		2294	14800	0355	00074	4942
0075	0880	29994		2326	14807	0475	00150	4636
0100	0867	30290		2351	14810	0589	00251	4401
0125	0860	3046 D		2366	14814	0697	00376	4261
0151	0856	30584		2376	14818	0803	00525	4172
0176	0855	30694		2384	14823	0907	00698	4094
0201	0856 B	30781		2391	14829	1009	00893	4033
0226	0856	30849		2396	14834	1110	01113	3986
0251	0858	30896		2400	14839	1210	01355	3958
0301	0869 B	30927		2400	14852	1409	01916	3958



C-REF-NO 008	YR 1968	DEPTH 234	WAVES 1	XX	AIR T	VIS
CONS. NO 028	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 026
LAT 49-143N	DAY 27	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-509W	HR 21.6	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
216	0000	1420 B	24767		1830	14923
216	0005	1237	27325		2061	14893
216	0010	1171	28298		2147	14882
216	0020	1081	28679		2192	14856
216	0030	1044	28931		2218	14848
216	0050	0969	29192		2250	14826
216	0075	0863	29763		2310	14798
216	0100	0888	30391		2356	14819
216	0150	0867 B	30699		2383	14824
216	0200		30827			

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1420 B	24767		1830	14923	0000	00000	9387
0010	1171	28298		2147	14882	0079	00003	6335
0020	1081	28679		2192	14856	0140	00013	5908
0030	1044	28931		2218	14848	0198	00027	5663
0050	0969	29192		2250	14826	0309	00072	5358
0075	0863	29763		2310	14798	0436	00152	4783
0100	0888	30391		2356	14819	0551	00254	4355
0125	0880 C	3054 I		2369	14822	0658	00378	4232
0151	0867 B	30699		2383	14824	0763	00525	4103



C-REF-NO 008	YR 1968	DEPTH 393	WAVES 1	XX	AIR T	VIS
CONS. NO 029	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 027
LAT 49-190N	DAY 27	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-481W	HR 22.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
224	0000	1430 B	22958	688 B	1689	14905
224	0005	1457	22964	704 B	1685	14915
224	0010	1263	26684	532 B	2007	14895
224	0020	1028	28716	435 B	2204	14837
224	0030	0999	29127	414 B	2240	14833
224	0050	0931	29392	408	2271	14815
224	0075	0854	29920	418 B	2324	14796
224	0100	0875	30298	404 B	2350	14813
224	0150	0875 B	30578	381 B	2372	14825
224	0200	0871	30779	361 B	2389	14834
224	0250	0874	30944	346 B	2401	14846
224	0300	0894	31054	335 B	2407	14863
224	0350	0891	31105	362 C	2411	14871

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1430 B	22958	688 B	1689	14905	0000	00000	10744
0010	1263	26684	532 B	2007	14895	0092	00004	7688
0020	1028	28716	435 B	2204	14837	0160	00014	5797
0030	0999	29127	414 B	2240	14833	0216	00028	5449
0050	0931	29392	408	2271	14815	0322	00071	5154
0075	0854	29920	418 B	2324	14796	0445	00149	4653
0100	0875	30298	404 B	2350	14813	0559	00250	4405
0125	0879 B	3043 I	392 B	2361	14821	0669	00376	4311
0151	0875 B	30578	381 B	2372	14825	0776	00526	4205
0176	0873	30686	370 B	2381	14830	0880	00700	4124
0201	0871	30779	361 B	2389	14834	0983	00897	4057
0226	0871	30867	353 B	2395	14839	1084	01117	3995
0251	0874	30944	346 B	2401	14846	1184	01360	3946
0301	0894	31054	335 B	2407	14863	1381	01915	3900

C-REF-NO 008	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 030	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 028
LAT 49-241N	DAY 27	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-454W	HR 23.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
232	0000	1440 B	22250		1633	14900
232	0005	1423	23047		1698	14904
232	0010	1356	25009		1861	14906
232	0020	1005	28975		2228	14832
232	0030	0933	29365		2269	14812
232	0050	0888	29706		2302	14802
232	0075	0905 B	30547		2365	14824
232	0100	0887	30374		2355	14819

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1440 B	22250		1633	14900	0000	00000	11288
0010	1356	25009		1861	14906	0102	00005	9092
0020	1005	28975		2228	14832	0175	00015	5569
0030	0933	29365		2269	14812	0229	00029	5174
0050	0888	29706		2302	14802	0330	00069	4858
0075	0905 B	30547		2365	14824	0444	00142	4261
0100	0887	30374		2355	14819	0552	00239	4366

C-REF-NO 008	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 031	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 079
LAT 49-174N	DAY 28	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-350W	HR 00.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
003	0000	1430 B	23871		1759	14916
003	0005	1320	25071		1872	14894
003	0010	1108	27759		2116	14853
003	0020	0962	29073		2242	14817
003	0030	0940	29290		2262	14814
003	0050	0884	29689		2302	14801
003	0075	0919 B	30077		2327	14823
003	0100	0918	30296		2344	14830
003	0150	0928	30713		2375	14847
003	0200	0907	30894		2392	14849
003	0250	0904	30955		2397	14857
003	0300	0904 B	31005		2401	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1430 B	23871		1759	14916	0000	00000	10069
0010	1108	27759		2116	14853	0084	00003	6632
0020	0962	29073		2242	14817	0144	00012	5433
0030	0940	29290		2262	14814	0198	00026	5240
0050	0884	29689		2302	14801	0299	00067	4865
0075	0919 B	30077		2327	14823	0418	00143	4630
0100	0918	30296		2344	14830	0532	00245	4470
0125	0924	3052 C		2360	14839	0643	00371	4316
0151	0928	30713		2375	14847	0749	00521	4183
0176	0918	3082 B		2385	14849	0853	00694	4088
0201	0907	30894		2392	14849	0955	00890	4024
0226	0904	3093 B		2396	14853	1056	01109	3995
0251	0904	30955		2397	14857	1156	01353	3982
0301	0904 B	31005		2401	14866	1356	01914	3953



C-REF-NO 008	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 032	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 029
LAT 49-236N	DAY 28	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-253W	HR 01.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
015	0000	1560 B	16301	729 B	1156	14870
015	0005	1421	20274	664 B	1485	14871
015	0010	1107	27379	445 B	2087	14848
015	0020	0975	28935	419 B	2229	14821
015	0030	0921	29389	418 B	2273	14808
015	0050	0906	29783	410 B	2306	14810
015	0075	0910 B	30210	384 B	2338	14821
015	0100	0893	30367	380 B	2353	14821
015	0150	0857	30592	360 B	2376	14818
015	0175	0857 B	30704	350 B	2385	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1560 B	16301	729 B	1156	14870	0000	00000	15933
0010	1107	27379	445 B	2087	14848	0114	00004	6912
0020	0975	28935	419 B	2229	14821	0176	00013	5555
0030	0921	29389	418 B	2273	14808	0230	00026	5140
0050	0906	29783	410 B	2306	14810	0330	00067	4827
0075	0910 B	30210	384 B	2338	14821	0447	00141	4518
0100	0893	30367	380 B	2353	14821	0559	00241	4380
0125	0872	3048 B	371 B	2366	14819	0668	00366	4265
0151	0857	30592	360 B	2376	14818	0773	00514	4167
0176	0857 B	30704	350 B	2385	14824	0877	00687	4089



C-REF-NO 008	YR 1968	DEPTH 252	WAVES 1	XX	AIR T	VIS
CONS. NO 033	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 030
LAT 49-253N	DAY 28	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-223W	HR 02.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
020	0000	1580 B	12627		0871	14834
020	0005	1480	17125		1234	14854
020	0010	1141	26525		2015	14849
020	0020	0972	28906		2227	14819
020	0030	0927	29401		2273	14810
020	0050	0891	29843		2313	14805
020	0075	0885	30144		2337	14811
020	0100	0856	30417		2362	14808
020	0150	0864	30680		2382	14822
020	0200	0857	30337		2356	14823
020	0250	0865	30616		2377	14838

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1580 B	12627		0871	14834	0000	00000	18719
0010	1141	26525		2015	14849	0131	00004	7600
0020	0972	28906		2227	14819	0197	00013	5571
0030	0927	29401		2273	14810	0251	00027	5138
0050	0891	29843		2313	14805	0350	00067	4760
0075	0885	30144		2337	14811	0467	00141	4531
0100	0856	30417		2362	14808	0577	00240	4290
0125	0855 B	3061 C		2378	14814	0683	00362	4149
0151	0864	30680		2382	14822	0787	00507	4113
0176	0860	3050 I		2369	14823	0892	00682	4238
0201	0857	30337		2356	14823	1000	00890	4364
0226	0860	3047 I		2367	14830	1109	01125	4267
0251	0865	30616		2377	14838	1215	01383	4176

C-REF-NO 008	YR 1968	DEPTH 227	WAVES 1	XX	AIR T	VIS
CONS. NO 034	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 031
LAT 49-314N	DAY 28	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-271W	HR 03.0	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
030	0000	1610 B	08637	656 B	0561	14799
030	0005	1433	19300	599 B	1409	14863
030	0010	1070	27856	434 B	2130	14840
030	0020	0953	28963	427 B	2235	14813
030	0030	0872	29308	432 B	2274	14788
030	0050	0850	30008	429 B	2331	14792
030	0075	0842	29698	417 B	2308	14789
030	0100	0833	30269	402 B	2354	14797
030	0150	0847 B	30624	324	2380	14815
030	0200	0860	30754	342	2388	14830

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1610 B	08637	656 B	0561	14799	0000	00000	21779
0010	1070	27856	434 B	2130	14840	0141	00003	6500
0020	0953	28963	427 B	2235	14813	0201	00012	5501
0030	0872	29308	432 B	2274	14788	0254	00026	5129
0050	0850	30008	429 B	2331	14792	0351	00065	4579
0075	0842	29698	417 B	2308	14789	0469	00140	4802
0100	0833	30269	402 B	2354	14797	0584	00243	4368
0125	0837 B	3044 I	361 C	2367	14805	0693	00367	4246
0151	0847 B	30624	324	2380	14815	0798	00515	4131
0176	0853	3072 B	323	2387	14823	0901	00686	4065
0201	0860	30754	342	2388	14830	1003	00882	4059

C-REF-NO 008	YR 1968	DEPTH 227	WAVES 1	XX	AIR T	VIS
CONS. NO 035	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 032
LAT 49-387N	DAY 28	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-144W	HR 04.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
042	0000	1270 B	05709	740 B	0390	14645
042	0005	1210	24571	498 B	1853	14849
042	0010	1085	27360	434 B	2089	14840
042	0020	0972	28701	434 B	2211	14816
042	0030	0856	29259	437 B	2272	14781
042	0050	0839	29637	430 B	2304	14783
042	0075	0845 B	29900	395 B	2324	14793
042	0100	0848	30121	251 B	2341	14801
042	0150	0870 B	30264	171 B	2348	14819
042	0200	0868	30290	116 B	2351	14827

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1270 B	05709	740 B	0390	14645	0000	00000	23472
0010	1085	27360	434 B	2089	14840	0151	00003	6892
0020	0972	28701	434 B	2211	14816	0214	00013	5723
0030	0856	29259	437 B	2272	14781	0269	00027	5144
0050	0839	29637	430 B	2304	14783	0369	00067	4841
0075	0845 B	29900	395 B	2324	14793	0488	00143	4657
0100	0848	30121	251 B	2341	14801	0603	00245	4498
0125	0859 B	3022 D	192 D	2347	14810	0715	00374	4441
0150	0870 B	30264	171 B	2348	14819	0826	00531	4430
0176	0871	30295	137 B	2351	14824	0938	00716	4412
0201	0868	30290	116 B	2351	14827	1048	00928	4414

C-REF-NO 008	YR 1968	DEPTH 170	WAVES 1	XX	AIR T	VIS
CONS. NO 036	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 033
LAT 49-325N	DAY 28	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-163W	HR 05.2	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
052	0000	1310 B	05599	750 B	0376	14659
052	0005	1530	19686	632 B	1420	14900
052	0010	1145				
052	0020	0935	28869	434 B	2230	14805
052	0030	0902	29298	432 B	2268	14800
052	0050	0880	29717	414 B	2304	14800
052	0075	0885	30091	400 B	2333	14811
052	0100	0876		399 B		
052	0150	0855	30617	362 B	2378	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1310 B	05599	750 B	0376	14659	0000	00000	23612
0010	1145	2274 I	540 B	1723	14804	0169	00005	10419
0020	0935	28869	434 B	2230	14805	0249	00016	5545
0030	0902	29298	432 B	2268	14799	0302	00030	5179
0050	0880	29717	414 B	2304	14800	0403	00070	4839
0075	0885	30091	400 B	2333	14810	0521	00145	4570
0100	0876	3037 B	399 B	2356	14815	0633	00245	4352
0125	0867	3054 B	385 B	2371	14817	0741	00368	4213
0150	0855	30617	362 B	2378	14818	0846	00516	4147



C-REF-NO 008	YR 1968	DEPTH 241	WAVES 1	XX	AIR T	VIS
CONS. NO 037	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 034
LAT 49-305N	DAY 28	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-177W	HR 05.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
057	0000	1500 B	12365		0866	14804
057	0005	1509	19439		1405	14890
057	0010	1146 B	27079		2057	14858
057	0020	0971	28770		2217	14817
057	0030	0897	29260		2266	14797
057	0050	0886	29748		2306	14802
057	0075	0880 B	30122		2336	14809
057	0100	0850	30322		2356	14804
057	0150	0852 B	30635		2380	14817
057	0200	0870 B	30780		2389	14834

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1500 B	12365		0866	14804	0000	00000	18774
0010	1146 B	27079		2057	14858	0129	00004	7197
0020	0971	28770		2217	14817	0194	00013	5672
0030	0897	29260		2266	14797	0248	00027	5200
0050	0886	29748		2306	14802	0349	00068	4824
0075	0880 B	30122		2336	14809	0466	00142	4540
0100	0850	30322		2356	14804	0578	00242	4353
0125	0845 B	30496		2370	14808	0686	00365	4219
0151	0852 B	30635		2380	14817	0791	00513	4129
0176	0858 B	30728		2386	14825	0894	00684	4073
0201	0870 B	30780		2389	14834	0996	00880	4054

C-REF-NO 008	YR 1968	DEPTH 243	WAVES 1	XX	AIR T	VIS
CONS. NO 038	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 035
LAT 49-239N	DAY 28	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-175W	HR 06.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
065	0000	1490 B	16581	691 B	1190	14850
065	0005	1411 C	18445	659 B	1347	14846
065	0010	1126	27182	455 B	2069	14852
065	0020	0955	28983	429 B	2236	14814
065	0030	0940	29573	407 B	2284	14817
065	0050	0923	29928	402 B	2314	14819
065	0075	0924 B	30251	392 B	2339	14827
065	0100	0945	30407	365 B	2348	14841
065	0150	0865 B	30644	365 B	2379	14822
065	0200	0886	30828	356 B	2390	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1490 B	16581	691 B	1190	14850	0000	00000	15596
0010	1126	27182	455 B	2069	14852	0113	00004	7089
0020	0955	28983	429 B	2236	14814	0176	00013	5489
0030	0940	29573	407 B	2284	14817	0229	00026	5030
0050	0923	29928	402 B	2314	14819	0327	00066	4744
0075	0924 B	30251	392 B	2339	14827	0443	00140	4509
0100	0945	30407	365 B	2348	14841	0555	00240	4427
0125	0905 I	30535	361 B	2364	14832	0665	00365	4276
0151	0865 B	30644	365 B	2379	14822	0770	00514	4141
0176	0866 B	30743	361 B	2386	14828	0874	00685	4073
0201	0886	30828	356 B	2390	14841	0975	00881	4042

C-REF-NO 008	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 039	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 036
LAT 49-191N	DAY 28	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-198W	HR 07.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
072	0000	1520 B	15268	729 B	1084	14845
072	0005	1261	23473	578 B	1760	14854
072	0010	1060	27776	450 B	2126	14836
072	0020	0953	29196	420 B	2253	14816
072	0030	0933	29604	409 B	2288	14815
072	0050	0928	29876	397 B	2310	14820
072	0075	0961 B	30272	378 B	2335	14841
072	0100	0954	30471	365 B	2352	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1520 B	15268	729 B	1084	14845	0000	00000	16632
0010	1060	27776	450 B	2126	14836	0116	00003	6544
0020	0953	29196	420 B	2253	14816	0175	00012	5327
0030	0933	29604	409 B	2288	14815	0227	00025	4996
0050	0928	29876	397 B	2310	14820	0325	00065	4789
0075	0961 B	30272	378 B	2335	14841	0442	00140	4548
0100	0954	30471	365 B	2352	14845	0554	00240	4393

C-REF-NO 008	YR 1968	DEPTH 225	WAVES 1	XX	AIR T	VIS
CONS. NO 040	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 037
LAT 49-137N	DAY 28	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-207W	HR 08.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
080	0000	1480 B	20122		1463	14888
080	0005		23110			
080	0010	1032	28300		2171	14833
080	0020	0948	29251		2258	14815
080	0030	0925	29439		2276	14811
080	0050	0917	29865		2310	14816
080	0075	0923	30207		2336	14827
080	0100	0962	30408		2346	14848
080	0150	0938 B	30780		2378	14852
080	0200	0927 B	30845		2385	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1480 B	20122		1463	14888	0000	00000	12940
0010	1032	28300		2171	14832	0095	00003	6111
0020	0948	29251		2258	14814	0152	00012	5280
0030	0925	29439		2276	14810	0204	00025	5107
0050	0917	29865		2310	14815	0304	00065	4781
0075	0923	30207		2336	14826	0421	00139	4540
0100	0962	30408		2346	14847	0533	00240	4452
0125	0958 C	3061 D		2363	14853	0643	00366	4296
0151	0938 B	30780		2378	14851	0749	00515	4148
0176	0933 B	30848		2385	14854	0853	00688	4094
0201	0927 B	30845		2385	14856	0956	00885	4091



C-REF-NO 008	YR 1968	DEPTH 300	WAVES 1	XX	AIR T	VIS
CONS. NO 041	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 038
LAT 49-119N	DAY 28	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-262W	HR 08.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
086	0000	1470 B	16034		1152	14837
086	0005	1362	25624		1907	14915
086	0010	1210	27908		2110	14891
086	0020	0979	28940		2229	14822
086	0030	0935	29389		2271	14813
086	0050	0898	29675		2298	14806
086	0075	0913	30016		2323	14820
086	0100	0920	30345		2347	14831
086	0150	0888 B	30601		2372	14830
086	0200	0914	30865		2389	14852
086	0250	0894	30995		2402	14854

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1470 B	16034		1152	14837	0000	00000	15970
0010	1210	27908		2110	14891	0113	00003	6690
0020	0979	28940		2229	14822	0174	00012	5556
0030	0935	29389		2271	14813	0228	00026	5160
0050	0898	29675		2298	14806	0329	00067	4896
0075	0913	30016		2323	14820	0449	00143	4666
0100	0920	30345		2347	14831	0563	00245	4436
0125	0904 C	3047 I		2360	14831	0673	00371	4321
0151	0888 B	30601		2372	14830	0780	00522	4206
0176	0900 C	3074 B		2381	14841	0885	00696	4124
0201	0914	30865		2389	14852	0988	00893	4057
0226	0908	30944		2396	14854	1089	01113	3992
0251	0894	30995		2402	14854	1189	01355	3937

C-REF-NO 008	YR 1968	DEPTH 380	WAVES 1	XX	AIR T	VIS
CONS. NO 042	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 039
LAT 49-098N	DAY 28	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-331W	HR 09.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
095	0000	1330 B	26407	746 B	1973	14913
095	0005	1292	26714	711 B	2004	14904
095	0010	1179	28146	568 B	2134	14883
095	0020	1054	28757	464 B	2203	14847
095	0030	1014	29103	449 B	2236	14839
095	0050	0916	29450	413	2278	14810
095	0075	0876 B	29744	417 B	2307	14802
095	0100	0889	30127	406 B	2335	14816
095	0150	0881	30689	368 B	2380	14829
095	0200	0876	30819	360 B	2391	14837
095	0250	0890	30929	353 B	2397	14852
095	0300	0890	31048	351 B	2407	14861
095	0350	0881	31171	346 B	2418	14868

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1330 B	26407	746 B	1973	14913	0000	00000	8010
0010	1179	28146	568 B	2134	14883	0072	00003	6462
0020	1054	28757	464 B	2203	14847	0134	00013	5808
0030	1014	29103	449 B	2236	14839	0191	00027	5489
0050	0916	29450	413	2278	14810	0297	00070	5088
0075	0876 B	29744	417 B	2307	14802	0421	00149	4816
0100	0889	30127	406 B	2335	14816	0539	00254	4553
0125	0888	3045 B	386 B	2361	14824	0650	00381	4313
0151	0881	30689	368 B	2380	14829	0756	00530	4131
0176	0877	3075 I	362 B	2386	14832	0859	00702	4081
0201	0876	30819	360 B	2391	14837	0961	00897	4034
0226	0883	30875	356 B	2394	14844	1062	01117	4007
0251	0890	30929	353 B	2397	14852	1163	01361	3980
0301	0890	31048	351 B	2407	14861	1361	01919	3900

C-REF-NO 008	YR 1968	DEPTH 141	WAVES 1	XX	AIR T	VIS
CONS. NO 043	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 040
LAT 49-086N	DAY 28	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-368W	HR 10.1	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
101	0000	1430 B	27054		2003	14954
101	0005	1200	27825		2106	14886
101	0010	1165	28207		2141	14879
101	0020	1127	28494		2170	14871
101	0030	1071	28767		2201	14855
101	0050	0941	29391		2270	14818
101	0075	0891	29862		2314	14810
101	0100	0887	30214		2342	14817

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1430 B	27054		2003	14954	0000	00000	7717
0010	1165	28207		2141	14879	0071	00003	6393
0020	1127	28494		2170	14871	0133	00013	6119
0030	1071	28767		2201	14855	0193	00028	5828
0050	0941	29391		2270	14818	0304	00072	5169
0075	0891	29862		2314	14810	0428	00151	4750
0100	0887	30214		2342	14817	0544	00255	4485

C-REF-NO 008	YR 1968	DEPTH 214	WAVES 1	XX	AIR T	VIS
CONS. NO 044	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 041
LAT 49-003N	DAY 28	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-300W	HR 11.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
111	0000	1370 B	25088		1864	14910
111	0005	1404	23636		1746	14905
111	0010	1201	27232		2060	14880
111	0020	0989	28895		2224	14825
111	0030	0964	29176		2250	14821
111	0050	0933	29383		2270	14815
111	0075	0887 B	29639		2297	14805
111	0100	0903	30375		2352	14825
111	0150	0879	30663		2378	14828
111	0200	0875	30785		2388	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1370 B	25088		1864	14910	0000	00000	9057
0010	1201	27232		2060	14880	0081	00004	7176
0020	0989	28895		2224	14825	0145	00013	5605
0030	0964	29176		2250	14821	0200	00027	5360
0050	0933	29383		2270	14815	0306	00070	5163
0075	0887 B	29639		2297	14805	0432	00150	4910
0100	0903	30375		2352	14825	0549	00254	4389
0125	0894 B	3051 I		2365	14828	0658	00379	4272
0151	0879	30663		2378	14828	0763	00527	4146
0176	0876	3076 D		2387	14832	0867	00699	4073
0201	0875	30785		2388	14836	0969	00895	4058



C-REF-NO 008	YR 1968	DEPTH 326	WAVES 1	XX	AIR T	VIS
CONS. NO 045	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 042
LAT 49-017N	DAY 28	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-262W	HR 11.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
117	0000	1480 B	14551	702 B	1037	14823
117	0005	1455	20018	772 B	1460	14879
117	0010	1206	26999	540 B	2041	14878
117	0020	0970	28990	405	2234	14819
117	0030	0942	29324	418 B	2264	14815
117	0050	0907	29584	418 B	2290	14808
117	0075	0927 B	29968	400 B	2317	14825
117	0100	0900	30372	389	2352	14824
117	0150	0890	30656	365 B	2376	14832
117	0200	0877	30759	364 B	2386	14836
117	0250	0882	30903	357 B	2397	14848
117	0300	0884	31104	346 B	2412	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1480 B	14551	702 B	1037	14823	0000	00000	17098
0010	1206	26999	540 B	2041	14878	0122	00004	7358
0020	0970	28990	405	2234	14819	0186	00013	5506
0030	0942	29324	418 B	2264	14815	0240	00027	5217
0050	0907	29584	418 B	2290	14808	0342	00068	4976
0075	0927 B	29968	400 B	2317	14825	0464	00146	4723
0100	0900	30372	389	2352	14824	0578	00247	4387
0125	0892 B	3051 I	376	2365	14826	0687	00372	4273
0151	0890	30656	365 B	2376	14832	0793	00521	4169
0176	0883	3071 C	363 B	2382	14834	0897	00694	4116
0201	0877	30759	364 B	2386	14836	1000	00892	4080
0226	0879	30825	361 B	2391	14842	1102	01113	4036
0251	0882	30903	357 B	2397	14848	1203	01359	3988
0301	0884	31104	346 B	2412	14860	1400	01912	3849

C-REF-NO 008	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 046	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 043
LAT 49-033N	DAY 28	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-223W	HR 12.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
125	0000	1510 B	08803		0591	14767
125	0005	1333 B	23604		1757	14880
125	0010	1096	27881		2128	14850
125	0020	1013	28734		2208	14832
125	0030	0932	29479		2278	14813
125	0050	0916	29741		2301	14814
125	0075	0940 B	30159		2330	14832
125	0100	0946	30424		2349	14842
125	0150	0918 B	30683		2374	14843
125	0200	0879	30790		2388	14837
125	0225	0888	30944		2399	14847

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SV4
0000	1510 B	08803		0591	14767	0000	00000	21479
0010	1096	27881		2128	14850	0139	00003	6522
0020	1013	28734		2208	14832	0201	00012	5761
0030	0932	29479		2278	14813	0255	00026	5088
0050	0916	29741		2301	14814	0355	00067	4872
0075	0940 B	30159		2330	14832	0474	00142	4600
0100	0946	30424		2349	14842	0587	00243	4417
0125	0936 B	3058 C		2364	14844	0696	00369	4285
0151	0918 B	30683		2374	14843	0803	00518	4190
0176	0894 B	3073 I		2382	14838	0907	00692	4118
0201	0879	30790		2388	14837	1010	00889	4060
0226	0888	30944		2399	14847	1111	01108	3963

C-REF-NO 008	YR 1968	DEPTH 119	WAVES 1	XX	AIR T	VIS
CONS. NO 047	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 044
LAT 48-568N	DAY 28	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-059W	HR 13.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
137	0000	1360 B	22181	698 B	1643	14872
137	0005	1308	23841	589 B	1780	14875
137	0010	1177	26107	516 B	1977	14857
137	0020	0993	28928	421 B	2226	14827
137	0030	0963	29397	410 B	2267	14824
137	0050	0961	29930	381 B	2309	14833
137	0075	0977 B	30315	389	2336	14848
137	0100	0956	30572	380 B	2359	14847

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1360 B	22181	698 B	1643	14872	0000	00000	11195
0010	1177	26107	516 B	1977	14857	0096	00004	7970
0020	0993	28928	421 B	2226	14827	0164	00014	5586
0030	0963	29397	410 B	2267	14824	0218	00028	5194
0050	0961	29930	381 B	2309	14833	0318	00068	4798
0075	0977 B	30315	389	2336	14848	0435	00143	4541
0100	0956	30572	380 B	2359	14847	0546	00242	4321

C-REF-NO 008	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 048	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 045
LAT 48-539N	DAY 28	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-084W	HR 14.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
143	0000	1290 B	25815	761 B	1935	14892
143	0005	1136	27964	606 B	2128	14865
143	0010	1065	28725	459 B	2198	14849
143	0020	0981	29092	429 B	2240	14825
143	0030	0947	29244	422 B	2257	14816
143	0050	0970	29917	384 B	2306	14836
143	0075	0983 B	30261	400 B	2331	14849
143	0100	0966	30427	389 B	2347	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1290 B	25815	761 B	1935	14892	0000	00000	8377
0010	1065	28725	459 B	2198	14849	0071	00003	5848
0020	0981	29092	429 B	2240	14825	0128	00012	5446
0030	0947	29244	422 B	2257	14816	0182	00025	5285
0050	0970	29917	384 B	2306	14836	0283	00066	4822
0075	0983 B	30261	400 B	2331	14849	0401	00141	4590
0100	0966	30427	389 B	2347	14849	0515	00243	4444



C-REF-NO 008	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 049	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 046
LAT 48-514N	DAY 28	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-107W	HR 14.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
149	0000	1220 B	27553	716 B	2081	14889
149	0005	1102	28487	580 B	2174	14859
149	0010	1028	28954	446 B	2222	14839
149	0020	0954	29249	421 B	2257	14817
149	0030	0913	29448	423 B	2278	14805
149	0050	0970	29887	393	2304	14836
149	0075	0957	29427	421 B	2270	14829
149	0100	0967	29901	394 B	2305	14843
149	0150	0960 B	30531	387 B	2356	14856
149	0175	0953	30562	387 B	2359	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1220 B	27553	716 B	2081	14889	0000	00000	6969
0010	1028	28954	446 B	2222	14839	0063	00003	5619
0020	0954	29249	421 B	2257	14817	0118	00011	5290
0030	0913	29448	423 B	2278	14805	0170	00024	5084
0050	0970	29887	393	2304	14836	0269	00065	4844
0075	0957	29427	421 B	2270	14829	0395	00146	5169
0100	0967	29901	394 B	2305	14843	0521	00258	4836
0125	0966 B	3021 I	386 B	2330	14851	0639	00394	4606
0151	0960 B	30531	387 B	2356	14856	0752	00552	4366
0176	0953	30562	387 B	2359	14858	0861	00733	4336

C-REF-NO 008	YR 1968	DEPTH 176	WAVES 1	XX	AIR T	VIS
CONS. NO 050	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 047
LAT 48-493N	DAY 28	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-061W	HR 15.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
155	0000	1270 B	26984		2028	14899
155	0005	1204	27553		2084	14884
155	0010	1182	27986		2121	14882
155	0020	0949	29268		2259	14815
155	0030	0925	29461		2278	14810
155	0050	0980	29879		2302	14839
155	0075	0987 B	30085		2317	14849
155	0100	0970	30370		2341	14850
155	0150	0941 B	30837		2382	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1270 B	26984		2028	14899	0000	00000	7477
0010	1182	27986		2121	14882	0070	00003	6585
0020	0949	29268		2259	14815	0130	00012	5268
0030	0925	29461		2278	14810	0182	00025	5091
0050	0980	29879		2302	14839	0282	00066	4865
0075	0987 B	30085		2317	14849	0402	00143	4726
0100	0970	30370		2341	14850	0518	00246	4492
0125	0956	3061 B		2363	14852	0628	00373	4295
0151	0941 B	30837		2382	14853	0734	00521	4110

C-REF-NO 008	YR 1968	DEPTH 212	WAVES 1	XX	AIR T	VIS
CONS. NO 051	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 048
LAT 48-517N	DAY 28	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-032W	HR 16.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
160	0000	1130 B	27814		2117	14860
160	0005	1158	27344		2076	14865
160	0010	1022	28755		2208	14834
160	0020	0997	29301		2254	14833
160	0030	1005	29594		2276	14842
160	0050	0997	29736		2288	14844
160	0075	0970 B	30113		2321	14843
160	0100	0958	30447		2349	14846
160	0150	0949 B	30730		2373	14855
160	0200	0931	30947		2393	14859

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1130 B	27814		2117	14860	0000	00000	6626
0010	1022	28755		2208	14834	0062	00003	5758
0020	0997	29301		2254	14833	0118	00011	5315
0030	1005	29594		2276	14842	0170	00025	5111
0050	0997	29736		2288	14844	0271	00066	4997
0075	0970 B	30113		2321	14843	0393	00143	4679
0100	0958	30447		2349	14846	0507	00245	4417
0125	0953	3058 I		2361	14850	0616	00371	4309
0151	0949 B	30730		2373	14855	0723	00521	4202
0176	0941	30852		2384	14857	0828	00694	4102
0201	0931	30947		2393	14859	0930	00890	4021

C-REF-NO 008	YR 1968	DEPTH 137	WAVES 1	XX	AIR T	VIS
CONS. NO 052	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 049
LAT 48-547N	DAY 28	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-597W	HR 16.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
166	0000	1150 B	26836	558 B	2038	14855
166	0005	1061	28041	500 B	2146	14839
166	0010	1029	28783	468 B	2209	14837
166	0020	1008	29456	426 B	2264	14839
166	0030	1009	29890	407 B	2298	14847
166	0050	1001	30179	405 B	2322	14851
166	0075	0982 B	30323	395 B	2336	14850
166	0100	0955	30545	392 B	2357	14847
166	0125	0939 B	30896	374 B	2387	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1150 B	26836	558 B	2038	14855	0000	00000	7384
0010	1029	28783	468 B	2209	14837	0066	00003	5748
0020	1008	29456	426 B	2264	14839	0121	00011	5217
0030	1009	29890	407 B	2298	14847	0172	00024	4898
0050	1001	30179	405 B	2322	14851	0268	00063	4674
0075	0982 B	30323	395 B	2336	14850	0383	00137	4543
0100	0955	30545	392 B	2357	14847	0495	00236	4340
0125	0939 B	30896	374 B	2387	14849	0600	00357	4059



C-REF-NO 008	YR 1968	DEPTH 29	WAVES 1	XX	AIR T	VIS
CONS. NO 053	MONTH 8	MXSAMPD 00	WAVES 2	XX	WET B	STN 050
LAT 48-577N	DAY 28	NO.DPTH 5	WND-DIR		WW-CODE	
LON 122-561W	HR 17.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
171	0000	1250 B	27621		2081	14900
171	0005	1130 B	28076		2137	14864
171	0010	1050	29369		2251	14852
171	0020	0987	30007		2311	14839
171	0025	0991	30067		2315	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1250 B	27621		2081	14900	0000	00000	6971
0010	1050	29369		2251	14852	0062	00003	5346
0020	0987	30007		2311	14839	0112	00010	4776

C-REF-NO 008	YR 1968	DEPTH 170	WAVES 1	XX	AIR T	VIS
CONS. NO 054	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 051
LAT 48-467N	DAY 28	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-519W	HR 18.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
181	0000	1080 B	28836	529 B	2205	14855
181	0005	1053	29092	521 B	2229	14849
181	0010	1054	29252	491 B	2241	14852
181	0020	1040	29464	467 B	2260	14851
181	0030	1031	29581	456 B	2270	14851
181	0050	1002	30075	422 B	2313	14850
181	0075	0982 B	30302	402 B	2334	14849
181	0100	0974	30389	402 B	2342	14852
181	0150	0955	30704	378 B	2370	14857

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1080 B	28836	529 B	2205	14855	0000	00000	5787
0010	1054	29252	491 B	2241	14852	0056	00003	5439
0020	1040	29464	467 B	2260	14851	0110	00011	5260
0030	1031	29581	456 B	2270	14851	0162	00024	5161
0050	1002	30075	422 B	2313	14850	0262	00065	4753
0075	0982 B	30302	402 B	2334	14849	0379	00139	4558
0100	0974	30389	402 B	2342	14852	0492	00240	4485
0125	0964	3053 C	392 B	2355	14854	0603	00368	4365
0151	0955	30704	378 B	2370	14857	0711	00520	4230

C-REF-NO 008	YR 1968	DEPTH 93	WAVES 1	XX	AIR T	VIS
CONS. NO 055	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 052
LAT 48-389N	DAY 28	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-433W	HR 19.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
191	0000	1050 B	30170	435 B	2313	14861
191	0005	1009	30178	434 B	2320	14846
191	0010	1015	30185	428 B	2320	14850
191	0020	1011	30186	421 B	2321	14850
191	0029	1015	30179	421 B	2319	14853
191	0049	1014	30181	421 B	2320	14855
191	0079	1014 B	30190	419 B	2320	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1050 B	30170	435 B	2313	14861	0000	00000	4750
0010	1015	30185	428 B	2320	14850	0047	00002	4686
0020	1011	30186	421 B	2321	14850	0094	00010	4680
0030	1015	30179	421 B	2319	14853	0141	00022	4693
0050	1014	30181	421 B	2320	14856	0236	00060	4693
0075	1014 B	30188	419 B	2320	14860	0353	00136	4691

C-REF-NO 008	YR 1968	DEPTH 64	WAVES 1 XX	AIR T	VIS
CONS. NO 056	MONTH 8	MXSAMPD 00	WAVES 2 XX	WET B	STN 053
LAT 48-333N	DAY 28	NO.DPTH 6	WND-DIR	WW-CODE	
LON 122-450W	HR 19.8	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
198	0000	1070 B	30335		2322	14870
198	0005	1019	30343		2332	14852
198	0010	1024	30356		2332	14855
198	0020	1016	30391		2336	14854
198	0030	1018	30408		2337	14857
198	0050	1014	30490		2344	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1070 B	30335		2322	14870	0000	00000	4660
0010	1024	30356		2332	14855	0046	00002	4573
0020	1016	30391		2336	14854	0092	00009	4536
0030	1018	30408		2337	14857	0138	00021	4527
0050	1014	30490		2344	14860	0228	00058	4463



C-REF-NO 008	YR 1968	DEPTH 80	WAVES 1	XX	AIR T	VIS
CONS. NO 057	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 054
LAT 48-266N	DAY 28	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-443W	HR 20.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
205	0000	1070 B	30508	441 B	2336	14872
205	0005	1009	30564	423 B	2350	14851
205	0010	1014	30582	421 B	2351	14854
205	0020	1010	30583	416 B	2352	14854
205	0030	1012	30601	414 B	2353	14857
205	0050	0999	30701	405 B	2363	14857
205	0075	0938	31376	365 B	2425	14847

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1070 B	30508	441 B	2336	14872	0000	00000	4532
0010	1014	30582	421 B	2351	14854	0045	00002	4389
0020	1010	30583	416 B	2352	14854	0089	00009	4384
0030	1012	30601	414 B	2353	14857	0133	00020	4375
0050	0999	30701	405 B	2363	14857	0220	00056	4284
0075	0938	31376	365 B	2425	14847	0320	00119	3694

C-REF-NO 008	YR 1968	DEPTH 110	WAVES 1	XX	AIR T	VIS
CONS. NO 058	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 055
LAT 48-456N	DAY 28	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-586W	HR 22.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
227	0000	1150 B	28242		2147	14872
227	0005	1082	28504		2178	14852
227	0010	1031	29176		2239	14843
227	0020	1010	29587		2274	14842
227	0030	1006	29715		2285	14844
227	0050	0983	29977		2309	14842
227	0075	0970	30329		2338	14845
227	0100	0954	30517		2355	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1150 B	28242		2147	14872	0000	00000	6342
0010	1031	29176		2239	14843	0059	00003	5459
0020	1010	29587		2274	14842	0112	00011	5122
0030	1006	29715		2285	14844	0163	00024	5023
0050	0983	29977		2309	14842	0262	00064	4796
0075	0970	30329		2338	14845	0379	00138	4520
0100	0954	30517		2355	14846	0490	00238	4360

C-REF-NO 008	YR 1968	DEPTH 219	WAVES 1	XX	AIR T	VIS
CONS. NO 059	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 056
LAT 48-463N	DAY 28	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-015W	HR 23.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
233	0000	1340 B	27373	778 B	2045	14928
233	0005	1174	27899	747 B	2116	14877
233	0009	0997	29834	444 B	2296	14838
233	0018	0982	29965	427 B	2308	14836
233	0027	0978	30063	422 B	2316	14837
233	0046	0970	30202	410 B	2328	14839
233	0069	0961 C	30551	394 B	2357	14844
233	0091	0952	30637	395 B	2365	14845
233	0137	0910 B	31379	363 B	2429	14846
233	C183	0900	31503	359 B	2441	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1340 B	27373	778 B	2045	14928	0000	00000	7314
0010	0982 D	2984 I	442 I	2299	14833	0061	00003	4884
0020	0981	29989	425 B	2310	14836	0110	00010	4779
0030	0977	3008 B	420 B	2318	14837	0157	00022	4704
0050	0968	3026 D	407 B	2334	14840	0250	00060	4560
0075	0959 B	3057 I	394 B	2359	14844	0362	00131	4321
0100	0944	3078 I	389 B	2378	14845	0468	00226	4147
0126	0921 B	3118 I	372 B	2413	14846	0568	00340	3818
0151	0905 B	3146 C	360 B	2437	14848	0661	00471	3590
0176	0900	3151 B	358 B	2442	14851	0751	00620	3549

C-REF-NO 008	YR 1968	DEPTH 159	WAVES 1	XX	AIR T	VIS
CONS. NO 060	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 057
LAT 48-440N	DAY 29	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-080W	HR 00.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
000	0000	1260 B	28183		2123	14910
000	0005	1035	29323		2250	14845
000	0010	1021	29577		2272	14844
000	0020	0993	30042		2312	14841
000	0030	0985	30163		2323	14841
000	0050	0974	30352		2339	14843
000	0075	0928 B	31099		2405	14839
000	0100	0883	31778		2465	14835
000	0150	0879	31884		2474	14843

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1260 B	28183		2123	14910	0000	00000	6573
0010	1021	29577		2272	14844	0059	00003	5146
0020	0993	30042		2312	14841	0108	00010	4758
0030	0985	30163		2323	14841	0156	00022	4658
0050	0974	30352		2339	14843	0248	00060	4505
0075	0928 B	31099		2405	14839	0353	00126	3885
0100	0883	31778		2465	14835	0444	00206	3317
0126	0868	3183 I		2471	14835	0526	00301	3261
0151	0879	31884		2474	14843	0608	00416	3241



C-REF-NO 008	YR 1968	DEPTH 302	WAVES 1	XX	AIR T	VIS
CONS. NO 061	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 058
LAT 48-423N	DAY 29	NO.DPTH 12	WND-DIR		WW-CCDE	
LON 123-141W	HR 00.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
007	0000	1090 B	29611		2263	14868
007	0005	0996	30078		2315	14840
007	0010	0999	30157		2320	14843
007	0020	0993	30204		2325	14843
007	0030	0996	30252		2328	14847
007	0050	0983	30437		2345	14847
007	0075	0959 B	30779		2375	14847
007	0100	0933	31081		2403	14845
007	0150	0900	31656		2453	14848
007	0200	0874	31928		2478	14850
007	0250	0871	31995		2483	14858
007	0300	0868	32068		2490	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1090 B	29611		2263	14868	0000	00000	5229
0010	0999	30157		2320	14843	0050	00002	4681
0020	0993	30204		2325	14843	0096	00010	4639
0030	0996	30252		2328	14847	0143	00021	4610
0050	0983	30437		2345	14847	0234	00059	4455
0075	0959 B	30779		2375	14847	0342	00127	4168
0100	0933	31081		2403	14845	0444	00218	3909
0126	0914	3139 D		2430	14846	0539	00327	3657
0151	0900	31656		2453	14848	0628	00452	3442
0176	0885	3182 B		2468	14849	0713	00593	3299
0201	0874	31928		2478	14850	0795	00750	3209
0226	0871	3197 C		2482	14854	0875	00925	3175
0251	0871	31995		2483	14858	0955	01119	3163
0302	0868	32068		2490	14866	1112	01563	3112

C-REF-NO 008	YR 1968	DEPTH 219	WAVES 1	XX	AIR T	VIS
CONS. NO 062	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 059
LAT 48-377N	DAY 29	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-147W	HR 01.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
016	0000	1050 B	30340	432 B	2326	14863
016	0005	0999	30313	434 B	2332	14844
016	0010	1000	30331	429 B	2334	14846
016	0020	0992	30366	427 B	2338	14845
016	0030	0971	30590	405 B	2358	14842
016	0050	0968	30671	405 B	2365	14845
016	0075	0949	31000	386 B	2394	14846
016	0100	0917	31402	373 B	2430	14843
016	0150	0895	31766	354 B	2462	14848
016	0200	0886	31834	351 B	2469	14854

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	1050 B	30340	432 B	2326	14863	0000	00000	4625
0010	1000	30331	429 B	2334	14846	0046	00002	4553
0020	0992	30366	427 B	2338	14845	0092	00009	4517
0030	0971	30590	405 B	2358	14842	0136	00021	4319
0050	0968	30671	405 B	2365	14845	0222	00056	4258
0075	0949	31000	386 B	2394	14846	0326	00122	3990
0100	0917	31402	373 B	2430	14843	0422	00207	3647
0126	0902	3163 D	362 B	2451	14845	0511	00310	3453
0151	0895	31766	354 B	2462	14848	0596	00430	3353
0176	0888	31841	351 B	2469	14850	0680	00569	3291
0201	0886	31834	351 B	2469	14854	0763	00728	3297

C-REF-NO 008	YR 1968	DEPTH 289	WAVES 1	XX	AIR T	VIS
CONS. NO 063	MONTH 8	MXSAMPD 03	WAVES 2	XX	WET B	STN 060
LAT 48-338N	DAY 29	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-128W	HR 02.3	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
023	0000	1070 B	30276		2318	14869
023	0005	1020	30197		2320	14851
023	0010	1014	30326		2331	14851
023	0020	0990	30587		2355	14847
023	0030	0969	30804		2375	14844
023	0050	0955	30945		2389	14844
023	0075	0948 B	31017		2395	14846
023	0100	0922	31351		2425	14845
023	0150	0906	31657		2452	14851
023	0200	0900	31692		2455	14857
023	0250	0884	31898		2474	14862
023	0275	0866	32134		2495	14862

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1070 B	30276		2318	14869	0000	00000	4704
0010	1014	30326		2331	14851	0047	00002	4579
0020	0990	30587		2355	14847	0091	00009	4350
0030	0969	30804		2375	14844	0134	00020	4158
0050	0955	30945		2389	14844	0216	00054	4035
0075	0948 B	31017		2395	14846	0317	00118	3976
0100	0922	31351		2425	14845	0413	00204	3692
0126	0910	3155 C		2443	14847	0504	00308	3531
0151	0906	31657		2452	14851	0592	00432	3450
0176	0903	3167 I		2454	14854	0678	00576	3436
0201	0900	31692		2455	14857	0765	00741	3423
0226	0894	3176 C		2462	14860	0850	00927	3365
0251	0884	31898		2474	14862	0933	01129	3254



C-REF-NO 008	YR 1968	DEPTH 256	WAVES 1	XX	AIR T	VIS
CONS. NO 064	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 061
LAT 48-292N	DAY 29	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-093W	HR 03.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
031	0000	1000 B	31095		2393	14854
031	0005	0966	31114		2400	14842
031	0010	0965	31171		2405	14844
031	0020	0947	31267		2415	14840
031	0030	0944	31323		2420	14841
031	0050	0941	31347		2422	14843
031	0075	0933 B	31405		2428	14845
031	0100	0927	31457		2433	14848
031	0150	0926	31529		2439	14856
031	0200	0912	31629		2449	14861
031	0250	0846	32361		2516	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1000 B	31095		2393	14854	0000	00000	3986
0010	0965	31171		2405	14844	0039	00002	3876
0020	0947	31267		2415	14840	0078	00008	3780
0030	0944	31323		2420	14841	0116	00018	3736
0050	0941	31347		2422	14843	0191	00048	3716
0075	0933 B	31405		2428	14845	0283	00107	3666
0100	0927	31457		2433	14848	0375	00189	3622
0126	0926	31494		2436	14852	0466	00294	3597
0151	0926	31529		2439	14856	0556	00421	3574
0176	0923	3157 I		2443	14860	0645	00570	3538
0201	0912	31629		2449	14861	0733	00739	3487
0226	0885	3192 C		2476	14858	0818	00923	3229
0251	0846	32361		2516	14853	0894	01109	2855



C-REF-NO 008	YR 1968	DEPTH 150	WAVES 1	XX	AIR T	VIS
CONS. NO 065	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 062
LAT 48-229N	DAY 29	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-027W	HR 04.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
040	0000	1010 B	31170	416 B	2397	14859
040	0005	0985	31157	438 B	2400	14850
040	0010	0987	31168	405 B	2401	14852
040	0020	0954	31262	408 B	2413	14842
040	0030	0948	31369	383 B	2423	14843
040	0050	0929	31505	373 B	2436	14841
040	0075	0887 B	31928	351 B	2476	14835
040	0100	0842	32355	329 B	2516	14827
040	0125	0841	32421	324 B	2521	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1010 B	31170	416 B	2397	14859	0000	00000	3946
0010	0987	31168	405 B	2401	14852	0039	00002	3913
0020	0954	31262	408 B	2413	14842	0078	00008	3794
0030	0948	31369	383 B	2423	14843	0116	00018	3707
0050	0929	31505	373 B	2436	14841	0189	00047	3580
0075	0887 B	31928	351 B	2476	14835	0274	00101	3209
0101	0842	32355	329 B	2516	14827	0350	00169	2830
0126	0841	32421	324 B	2521	14832	0421	00250	2783

C-REF-NO 008	YR 1968	DEPTH 161	WAVES 1	XX	AIR T	VIS
CONS. NO 066	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 063
LAT 48-155N	DAY 29	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-588W	HR 04.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
049	0000	1020 B	31232	430 B	2400	14863
049	0005	1028	31065	410 B	2386	14865
049	0010	0997	31415	400 B	2418	14859
049	0020	0963	31649	387 B	2442	14851
049	0030	0916	31961	362 B	2474	14839
049	0050	0892	32150	356 B	2492	14835
049	0075	0863 B	32374	339 B	2514	14831
049	0100	0853	32427	330 B	2520	14832
049	0150	0818 B	32735	319 B	2549	14831

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1020 B	31232	430 B	2400	14863	0000	00000	3916
0010	0997	31415	400 B	2418	14859	0038	00002	3744
0020	0963	31649	387 B	2442	14851	0075	00007	3520
0030	0916	31961	362 B	2474	14839	0109	00016	3220
0050	0892	32150	356 B	2492	14835	0172	00042	3047
0075	0863 B	32374	339 B	2514	14831	0246	00089	2842
0101	0853	32427	330 B	2520	14832	0317	00152	2792
0126	0836	3256 C	323 B	2533	14832	0385	00231	2673
0151	0818 B	32735	319 B	2549	14831	0451	00323	2521

C-REF-NO 008	YR 1968	DEPTH	99	WAVES 1	XX	AIR T	VIS
CONS. NO 067	MONTH 8	MXSAMPD	01	WAVES 2	XX	WET B	STN 064
LAT 48-122N	DAY 29	NO.DPTH	7	WND-DIR		WW-CODE	
LOD 123-058W	HR 05.5	W-COLOR		WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP		BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
055	0000	0980 B	32062		2472	14859
055	0005	0944	32037		2475	14846
055	0010	0946	32045		2476	14848
055	0020	0934	32069		2480	14845
055	0030	0931	32081		2481	14846
055	0050	0920	32160		2489	14846
055	0080	0894	32233		2499	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	32062		2472	14859	0000	00000	3238
0010	0946	32045		2476	14848	0032	00002	3199
0020	0934	32069		2480	14845	0064	00007	3164
0030	0931	32081		2481	14846	0096	00015	3153
0050	0920	32160		2489	14846	0159	00040	3080
0075	0899	32223		2497	14843	0235	00089	3007

C-REF-NO 008	YR 1968	DEPTH 130	WAVES 1	XX	AIR T	VIS
CONS. NO 068	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 065
LAT 48-158N	DAY 29	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-100W	HR 06.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
061	0000	1050 B	31202	454 B	2393	14874
061	0005	1025	31195	423 B	2397	14865
061	0010	1010	31204	414 B	2400	14861
061	0020	0971	31260	396 B	2411	14849
061	0030	0938	31522	378 B	2436	14841
061	0050	0914	31734	369 B	2457	14838
061	0075	0871	32121	346 B	2493	14831
061	0100	0813	32697	319 B	2547	14821
061	0125	0789 B	32984	308 B	2573	14819

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1050 B	31202	454 B	2393	14874	0000	00000	3986
0010	1010	31204	414 B	2400	14861	0040	00002	3922
0020	0971	31260	396 B	2411	14849	0079	00008	3821
0030	0938	31522	378 B	2436	14841	0116	00017	3579
0050	0914	31734	369 B	2457	14838	0186	00046	3389
0075	0871	32121	346 B	2493	14831	0267	00097	3042
0101	0813	32697	319 B	2547	14821	0337	00159	2534
0126	0789 B	32984	308 B	2573	14819	0397	00229	2292



C-REF-NO 008	YR 1968	DEPTH 110	WAVES 1	XX	AIR T	VIS
CONS. NO 069	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 066
LAT 48-229N	DAY 29	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-181W	HR 06.6	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
066	0000	0980 B	31331		2415	14850
066	0005	0945	31302		2418	14837
066	0010	0949	31328		2419	14840
066	0020	0937	31378		2425	14837
066	0030	0936	31437		2430	14839
066	0050	0931	31473		2434	14841
066	0075	0850	32302		2511	14826
066	0100	0779	32989		2575	14811

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	31331		2415	14850	0000	00000	3780
0010	0949	31328		2419	14840	0038	00002	3735
0020	0937	31378		2425	14837	0075	00008	3682
0030	0936	31437		2430	14839	0112	00017	3639
0050	0931	31473		2434	14841	0185	00047	3608
0075	0850	32302		2511	14826	0266	00098	2877
0101	0779	32989		2575	14811	0331	00155	2271

C-REF-NO 008	YR 1968	DEPTH 110	WAVES 1	XX	AIR T	VIS
CONS. NO 070	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 067
LAT 48-228N	DAY 29	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-181W	HR 07.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
072	0000	0990 B	31014		2388	14849
072	0005	0973	30938		2385	14843
072	0010	0973	31004		2390	14844
072	0020	0967	31046		2395	14844
072	0030	0971	31054		2395	14848
072	0050	0939	31347		2422	14843
072	0075	0916 B	31600		2446	14841
072	0100	0856	32228		2504	14831

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0990 B	31014		2388	14849	0000	00000	4030
0010	0973	31004		2390	14844	0040	00002	4013
0020	0967	31046		2395	14844	0081	00008	3974
0030	0971	31054		2395	14848	0120	00018	3977
0050	0939	31347		2422	14843	0198	00050	3712
0075	0916 B	31600		2446	14841	0288	00107	3495
0100	0856	32228		2504	14831	0369	00179	2945

C-REF-NO 008	YR 1968	DEPTH 135	WAVES 1	XX	AIR T	VIS
CONS. NO 071	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 068
LAT 48-123N	DAY 29	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-430W	HR 08.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
087	0000	1050 B	31455		2413	14877
087	0005	1039	31495		2418	14874
087	0010	1050	31552		2420	14880
087	0020	1040	31623		2427	14879
087	0030	1007	31607		2432	14868
087	0050	0925	31959		2472	14845
087	0075	0863	32530		2526	14833
087	0100	0806	32929		2566	14821

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1050 B	31455		2413	14877	0000	00000	3798
0010	1050	31552		2420	14880	0038	00002	3727
0020	1040	31623		2427	14879	0075	00008	3660
0030	1007	31607		2432	14868	0112	00017	3622
0050	0925	31959		2472	14845	0180	00045	3238
0075	0863	32530		2526	14833	0255	00092	2726
0101	0806	32929		2566	14821	0319	00149	2353

C-REF-NO 008	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 072	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 069
LAT 48-156N	DAY 29	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-430W	HR 09.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
093	0000	0930 B	31904	396 B	2467	14838
093	0005	0910	31860	390 B	2467	14831
093	0010	0915	31891	379 B	2469	14834
093	0020	0908	31902	379 B	2471	14833
093	0030	0911	31917	380 B	2471	14836
093	0050	0911	31926	378 B	2472	14840
093	0075	0796	32842	324 B	2561	14812
093	0100	0764	33206	324 B	2594	14808
093	0150	0702 B	33648	271 B	2637	14798

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	31904	396 B	2467	14838	0000	00000	3278
0010	0915	31891	379 B	2469	14834	0033	00002	3266
0020	0908	31902	379 B	2471	14833	0066	00007	3250
0030	0911	31917	380 B	2471	14836	0098	00015	3245
0050	0911	31926	378 B	2472	14840	0163	00042	3241
0075	0796	32842	324 B	2561	14812	0234	00086	2400
0101	0764	33206	324 B	2594	14808	0291	00136	2088
0126	0728 B	3342 I	302 B	2616	14801	0341	00193	1877
0151	0702 B	33648	271 B	2637	14798	0386	00256	1683



C-REF-NO 008	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 073	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET R	STN 070
LAT 48-142N	DAY 29	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-433W	HR 10.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
100	0000	0940 B	31889		2465	14842
100	0005	0906	31906		2471	14830
100	0010	0912	31921		2471	14833
100	0020	0893	32016		2482	14829
100	0030	0897	32024		2482	14832
100	0050	0872	32238		2502	14829
100	0075	0774	33045		2580	14806
100	0100	0737	33323		2607	14799

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	31889		2465	14842	0000	00000	3305
0010	0912	31921		2471	14833	0033	00002	3240
0020	0893	32016		2482	14829	0065	00007	3142
0030	0897	32024		2482	14832	0097	00015	3144
0050	0872	32238		2502	14829	0158	00040	2952
0075	0774	33045		2580	14806	0223	00080	2218
0101	0737	33323		2607	14799	0276	00127	1964

C-REF-NO 008	YR 1968	DEPTH 115	WAVES 1 XX	AIR T	VIS
CONS. NO 074	MONTH 8	MXSAMPD 01	WAVES 2 XX	WET B	STN 071
LAT 48-221N	DAY 29	NO.DPTH 8	WND-DIR	WW-CODE	
LON 124-006W	HR 11.5	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
115	0000	0960 B	31776		2453	14848
115	0005	0983	31756		2447	14857
115	0010	0946	31750		2453	14844
115	0020	0911	31898		2470	14834
115	0030	0913	31926		2472	14837
115	0050	0908	31953		2475	14839
115	0075	0866	32263		2505	14831
115	0100	0806	32765		2553	14819

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0960 B	31776		2453	14848	0000	00000	3419
0010	0946	31750		2453	14844	0034	00002	3418
0020	0911	31898		2470	14834	0068	00007	3257
0030	0913	31926		2472	14837	0101	00015	3241
0050	0908	31953		2475	14839	0165	00042	3217
0075	0866	32263		2505	14831	0243	00091	2929
0101	0806	32765		2553	14819	0311	00151	2475

C-REF-NO 008	YR 1968	DEPTH 188	WAVES 1	XX	AIR T	VIS
CONS. NO 075	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 072
LAT 48-187N	DAY 29	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-038W	HR 12.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
121	0000	1080 B	31615	483 B	2420	14890
121	0005	1053	31646	468 B	2427	14881
121	0010	1018	31735	446 B	2440	14870
121	0020	0950	31884	365 B	2463	14849
121	0030	0932	31978	389 B	2473	14845
121	0050	0889	32269	367 B	2502	14836
121	0075	0805	32809	335 B	2557	14815
121	0100	0758	33235	308 B	2597	14806
121	0150	0703 B	33702	260 B	2641	14799

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1080 B	31615	483 B	2420	14890	0000	00000	3728
0010	1018	31735	446 B	2440	14870	0037	00002	3541
0020	0950	31884	365 B	2463	14849	0071	00007	3326
0030	0932	31978	389 B	2473	14845	0104	00015	3231
0050	0889	32269	367 B	2502	14836	0166	00041	2954
0075	0805	32809	335 B	2557	14815	0234	00083	2437
0101	0758	33235	308 B	2597	14806	0291	00133	2058
0126	0722	33532	283 B	2625	14801	0339	00189	1792
0151	0703 B	33702	260 B	2641	14799	0382	00250	1645

C-REF-NO 008	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 076	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 073
LAT 48-152N	DAY 29	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-040W	HR 14.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
140	0000	1090 B	31471		2407	14891
140	0005	1123 B	31286		2387	14902
140	0010	1094	31367		2398	14893
140	0020	1058	31388		2406	14882
140	0030	0953	31815		2457	14851
140	0050	0858	32474		2523	14827
140	0075	0777	33256		2596	14810
140	0100	0723	33581		2629	14797
140	0150	0702	33716		2643	14799

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1090 B	31471		2407	14891	0000	00000	3852
0010	1094	31367		2398	14893	0039	00002	3936
0020	1058	31388		2406	14882	0078	00008	3864
0030	0953	31815		2457	14851	0115	00017	3384
0050	0858	32474		2523	14827	0176	00042	2757
0075	0777	33256		2596	14810	0237	00080	2064
0101	0723	33581		2629	14797	0285	00122	1754
0126	0698	3375 D		2646	14794	0327	00171	1597
0151	0702	33716		2643	14799	0368	00228	1633



C-REF-NO 008	YR 1968	DEPTH 190	WAVES 1	XX	AIR T	VIS
CONS. NO 077	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 074
LAT 48-252N	DAY 29	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-357W	HR 16.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
163	0000	1380 B	30313		2264	14977
163	0005	1438	30216		2244	14996
163	0010	1300	30650		2305	14956
163	0020	1169	30959		2354	14916
163	0030	1014	31411		2415	14868
163	0050	0892	32291		2503	14837
163	0075	0828 B	32928		2563	14825
163	0100	0757	33391		2609	14808
163	0150	0712	33664		2637	14802
163	0180	0683	33778		2650	14797

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1380 B	30313		2264	14977	0000	00000	5222
0010	1300	30650		2305	14956	0050	00002	4825
0020	1169	30959		2354	14916	0097	00009	4367
0030	1014	31411		2415	14868	0137	00020	3778
0050	0892	32291		2503	14837	0205	00047	2942
0075	0828 B	32928		2563	14825	0272	00089	2381
0101	0757	33391		2609	14808	0326	00137	1941
0126	0727 C	3352 I		2624	14802	0373	00191	1802
0151	0712	33664		2637	14802	0417	00252	1684
0176	0688	33764		2648	14798	0458	00321	1581

C-REF-NO 008	YR 1968	DEPTH 227	WAVES 1	XX	AIR T	VIS
CONS. NO 078	MONTH 8	MXSAMPD 02	WAVES 2	XX	WET B	STN 075
LAT 48-282N	DAY 29	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-328W	HR 17.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
170	0000	1280 B	30770	581 B	2318	14949
170	0005	1228	30772	570 B	2328	14932
170	0010	1160	30867	538 B	2348	14910
170	0020	1034	31329	454 B	2406	14873
170	0030	1000	31486	421 B	2423	14864
170	0050	0926	31603	383 B	2444	14841
170	0075	0823	32916	338 B	2563	14823
170	0100	0766	33268	308 B	2599	14810
170	0150	0677 B	33809	241 B	2653	14790
170	0200	0674	33811	241 B	2654	14797

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1280 B	30770	581 B	2318	14949	0000	00000	4699
0010	1160	30867	538 B	2348	14910	0046	00002	4417
0020	1034	31329	454 B	2406	14873	0087	00009	3869
0030	1000	31486	421 B	2423	14864	0125	00018	3701
0050	0926	31603	383 B	2444	14841	0198	00048	3503
0075	0823	32916	338 B	2563	14823	0272	00093	2382
0101	0766	33268	308 B	2599	14810	0327	00143	2045
0126	0714 B	3353 I	271 B	2627	14797	0376	00198	1778
0151	0677 B	33809	241 B	2653	14790	0417	00256	1530
0176	0665	33873	234 B	2660	14791	0455	00319	1471
0201	0674	33811	241 B	2654	14797	0493	00392	1532

C-REF-NO 008	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 079	MONTH 8	MXSAMPD 01	WAVES 2	XX	WET B	STN 076
LAT 48-315N	DAY 29	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-300W	HR 17.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
179	0000	1130 B				
179	0005	1113	30277		2311	14885
179	0010	1112	30774		2349	14892
179	0020	1050	31084		2384	14875
179	0030	1014	31230		2401	14866
179	0050	0956	31643		2443	14853
179	0075	0883 B	32088		2489	14835
179	0100	0783	32856		2564	14811
179	0125	0747 B	33217		2597	14806

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1130 B							
0010	1112	30774		2349	14892	0047	00002	4404
0020	1050	31084		2384	14875	0090	00009	4076
0030	1014	31230		2401	14866	0130	00019	3912
0050	0956	31643		2443	14853	0204	00049	3520
0075	0883 B	32088		2489	14835	0287	00102	3083
0101	0783	32856		2564	14811	0356	00162	2374
0126	0747 B	33217		2597	14806	0412	00226	2060





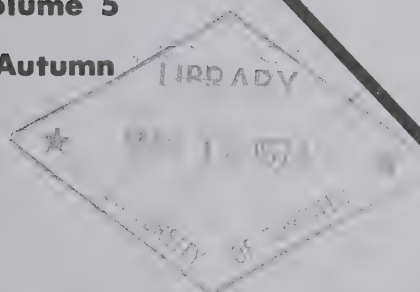
56-21

**OCEANOGRAPHIC RECORDS  
FROM TWELVE CRUISES IN  
THE STRAIT OF GEORGIA  
AND JUAN DE FUCA STRAIT  
1968**

**P.B. Crean  
A.B. Ages**

**Volume 5**

**Autumn**



**DEPARTMENT OF ENERGY, MINES AND RESOURCES  
MARINE SCIENCES BRANCH, VICTORIA**



**OCEANOGRAPHIC RECORDS  
FROM TWELVE CRUISES IN  
THE STRAIT OF GEORGIA  
AND JUAN DE FUCA STRAIT  
1968**

**P.B. Crean  
A.B. Ages**

**Volume 5    Autumn**

**DEPARTMENT OF ENERGY, MINES AND RESOURCES  
MARINE SCIENCES BRANCH, VICTORIA**





DESCRIPTION OF MACHINE-GENERATED DATA RECORD



# NOTE

This listing is an Oceans III run..

Until a data record introduction applicable to the Oceans III program can be prepared, please note the following differences with respect to the attached Oceans II introduction:

- (a) in the interpolated portion of the listing, "pressure" is given instead of "depth".
- (b) where the computer finds that an interpolation error estimate of 5 sigmas (E) or greater would have occurred, it branches to a linear interpolation routine. Such linear interpolations are indicated by an interpolation error estimate of "I" in the listing.





## INTRODUCTION

This section applies to the machine processing phase of the data reduction and computation.

The oceanographic data previously recorded on CODC data summary forms, a sample of which is shown on the next page, are transferred to punch-cards for subsequent electronic data processing on an IBM 1620 computer, using CODC's OCEANS II program. In addition to computing routine derived quantities, the program carries out unit and format conversions, range checks, plausibility tests, internal editing, and if required, interpolation at standard oceanographic depths. When interpolations are carried out, additional derived values are computed.

After the data have been processed, the data record is prepared using an IBM 1401 computer configuration with the OCEAN REPORT III program, which provides for pre-edited high speed print-out on continuous direct-image masters. These masters subsequently yield the required volume of copies for distribution.

Provision has been made to enter an "estimate of precision" for each observed variable selected for interpolation at standard oceanographic depths. The precision depends on the instrument and/or technique used to determine the variable. A standard precision stated as a **standard deviation** ( $\sigma$ ) can be determined for each instrument or technique under routine field conditions by making duplicate determinations of the variables for a homogeneous sample of sea water. These standard deviations are given for each cruise under "GENERAL INFORMATION" in section III of the data record.

The **measurement error estimate** of a specific observation in this data record, is stated as a multiple of the standard deviation derived as above, and entered in a column immediately to the right of the reported variable. In order to distinguish it from an additional decimal digit, the measurement error estimate is recorded alphabetically, (i.e.,  $1\sigma = A$ ,  $2\sigma = B$ , etc.; in this data record "A" is suppressed).

An option is provided with respect to the measurement of the salinity variable. If observed to three decimal digits, the last digit takes the place of the measurement error estimate.

In the past, a number of methods for both manual and machine interpolation have been developed. Studies and comparisons of the several methods have shown that no single method is universally acceptable. The manual methods are the most elaborate and flexible, but often require subjective decisions. In machine interpolation, all the present methods fail to yield acceptable results under some circumstances. Hence, it is considered necessary to qualify interpolated values by stating an "interpolation error estimate" derived from the particular interpolation formula used. There are two purposes in stating the error estimates; first, to give an indication of the quality of the interpolated data; second, to allow the oceanographer to redesign his observational procedures in order to reduce interpolation errors in future observations.

The interpolation scheme chosen for the OCEANS II program consists of a combination of two 3-point interpolations using the Lagrangian interpolation polynomial, as recommended by Rattray (1962). A parabola is fitted through three values of a given variable (T, S,  $O_2$ ) considered as a function of depth. The two interpolation parabolas require a total of four points (observed depths). The middle points are common to both parabolas. The average of the two values obtained from the parabolas at standard depth is taken as the interpolated value, and a function of their difference as an estimate of the interpolation error.

This function combined with the "measurement error estimate" comprises the "combined measurement and interpolation error estimate". It is expressed as a multiple of the standard deviation of measurement ( $\sigma$ ) under normal routine field conditions by:

CANADIAN OCEANOGRAPHIC DATA CENTRE

1 IDENT. CODE		2 LATITUDE (N=+)		3 LONGITUDE (W=+)		5 DATE		6 TIME		7 DEPTH		9 NO.		VESSEL									
COUNTRY INST.		DEG. ° MIN. 1/10		DEG. ° MIN. 1/10		YEAR MONTH DAY		HOURS 1/10 G.M.T.		TO BOTTOM		OBS'D.		ENTERED BY									
1 8						19 20 21 22 23 24 25 26 27 28 29 30 31						34 35		CHECKED BY									
10 WATER		11 WAVES I		12 WAVES II		13 WIND		14 BAROMETER		15 AIR TEMP.		16 WET BULB		17 W.W. CODE									
COLOUR TRANS.		Dw Dw Pw Hw		Dw Dw Pw Hw		DIR. <del>1000</del>								(SEPT. 62)									
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80														20 HOURS AFTER H.W.		21 UNASSIGNED		22 CRUISE REFERENCE NUMBER		23 CONSEC. NUMBER		24 CARD	

6 TIME		7 DEPTH OF SAMPLE		8 TEMPERATURE		9 SALINITY		10 OXYGEN		13 PO <sub>4</sub> - P		14 TOTAL - P		15 NO <sub>2</sub> - N		16 NO <sub>3</sub> - N		17 SIO <sub>2</sub> - SI		18 p.H.		CARD	
HOURS 1/10		e		e		d/e		e		e		e		e		e		e		e		3	
1																						3	
2																						3	
3																						3	
4																						3	
5																						3	
6																						3	
7																						3	
8																						3	
9																						3	
10																						3	
11																						3	
12																						3	
13																						3	
14																						3	
15																						3	
16																						3	
17																						3	
18																						3	
19																						3	
20																						3	
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46																						55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72	
																						80	

OBSERVED CARD

$$\frac{\sigma_i}{\sigma} = \left\{ \frac{(\Delta V_i)^2}{\sigma^2} + \sum_{n=j-2}^{j+1} (\gamma_n)^2 \left( \frac{\sigma_n}{\sigma} \right)^2 \right\}^{1/2}, \text{ where}$$

$\sigma$  = Standard deviation of the combined error estimates at standard oceanographic depth,

$\Delta V_i$  = the interpolation error estimate of variable "V" at standard oceanographic depth =  $^{1/3} (V_{i_1} - V_{i_2})$

$\gamma$  = Interpolation polynomial coefficient.

$Z_j$  = Observed depth.

$Z_i$  = Standard oceanographic depth, such that:  $Z_{j-2} < Z_{j-1} < Z_i < Z_j < Z_{j+1}$

The integral part of the fraction  $\frac{\sigma_i}{\sigma}$ , if  $\geq 2$ , is reported in this Data Record following the interpolated variable. It represents the **combined measurement and interpolation error estimate**. In order to distinguish it from an additional decimal digit, it is recorded alphabetically (e.g.: 2 as "B", 3 as "C", etc.).

With respect to the interpolated value of the salinity variable if reported to three decimal digits, the **interpolation error estimate** is given only when  $\frac{\sigma_i}{\sigma} \geq 2$  (the salinity is then recorded to two decimal places). If less than 2, the mean obtained from the two interpolation parabolas is reported to three decimal places.



## EXPLANATION OF DATA RECORD HEADINGS

### MASTER HEADINGS

(1) <i>C-REF-NO</i>	(6) <i>YR</i>	(11) <i>DEPTH</i>	(16) <i>WAVES 1</i>	(21) <i>AIR T</i>	(26) <i>VIS</i>
(2) <i>CONS. NO</i>	(7) <i>MONTH</i>	(12) <i>MXSAMPD</i>	(17) <i>WAVES 2</i>	(22) <i>WET B</i>	(27) <i>STN</i>
(3) <i>LAT</i>	(8) <i>DAY</i>	(13) <i>NO. DPTH</i>	(18) <i>WND-DIR</i>	(23) <i>WW-CODE</i>	
(4) <i>LON</i>	(9) <i>HR</i>	(14) <i>W-COLOR</i>	(19) <i>WND-FCE</i>	(24) <i>CLD-TPE</i>	
(5) <i>MARSD SQ</i>	(10) <i>C/I</i>	(15) <i>W-TRNSP</i>	(20) <i>BARO</i>	(25) <i>CLD-AMT</i>	(28) <i>HW</i>

- (1) CRUISE REFERENCE NUMBER: Assigned by the Institute. Commences with 001 at the beginning of each year (effective Jan. 1, 1963). Prior to that date the CRN was a number designated by CODC.
- (2) CONSECUTIVE NUMBER: Indicates the chronological order in which the stations were occupied.
- (3) LATITUDE: Indicate the position of the platform at the time of observation.
- (4) LONGITUDE:
- (5) MARSDEN SQUARE: Designates the geographic area code of the observation (see Marsden square chart).
- (6) YEAR:
- (7) MONTH:
- (8) DAY:
- (9) HOUR: The time (Greenwich Mean Time) at which the surface environmental data were recorded. It is reported to tenths of hours (Table 1).  
If an "X" precedes the value for HOUR, (prior to Jan. 1, 1963) it indicates that the reported time is doubtful.
- (10) COUNTRY/INSTITUTE: The International Geophysical Year (IGY) Country Code/Institute Code - see Table 11.
- (11) DEPTH: The sounding reported in metres. If corrected, this is stated in the "GENERAL INFORMATION" chapter of section III. Charted depths are preceded by the letter "C".
- (12) MAXIMUM SAMPLING DEPTH: A code to indicate the deepest sampling depth (used for high speed sorting).
- 00 m - 50 m = 00  
51 m - 150 m = 01  
151 m - 250 m = 02  
etc.



- (13) NUMBER OF DEPTHS: The number of levels observed (this is entered to initiate a computer safety check, guarding against the loss of punch-cards).
- (14) WATER COLOUR: A code based on the percentage of yellow (see table 2 and Note under FIELD "15" below).
- (15) WATER TRANSPARENCY: The depth in metres at which a Secchi disc (white disc, 30 cm. in diameter) just disappears from view, or the optical density expressed in percentage;

NOTE: The "GENERAL INFORMATION" chapter in section III of the data record will state which method was used.

- (16) WAVES 1  
( $d_W d_W P_W H_W$ -code): The direction, period and height of the wind-propagated wave system. (See Tables 3, 4 and 5). Ref: World Meteorological Organization Codes 0885, 3155, 1555.
- (17) WAVES 2  
( $d_W d_W P_W H_W$ -code): The direction, period and height of the predominant non-wind-propagated wave system. (See Tables 3, 4 and 5). Ref: World Meteorological Organization Codes 0885, 3155, 1555.
- (18) WIND DIRECTION: The true direction to the nearest 10 degrees from which the wind is blowing (wind direction 990 means:—wind variable or direction unknown).
- (19) WIND FORCE  
(WND-FCE): Beaufort notation (See Table 6).
- WIND SPEED  
(WND-SPD): Anemometer reading reported in metres per second. Instrument height reported in "GENERAL INFORMATION" chapter of section III.
- (20) BAROMETER: The barometric pressure reported in millibars: the "GENERAL INFORMATION" chapter in Section III of the data record will state the type of instrument used.
- (21) AIR TEMPERATURE: In degrees Celsius.
- (22) WET BULB: In degrees Celsius.
- (23) ww CODE: Present Weather Code (See Table 7). Ref: WMO Code 4677
- (24) CLOUD TYPE: The type of predominating clouds (See Table 8). Ref: WMO Code 0500.
- (25) CLOUD AMOUNT: The sky coverage in eighths (See Table 9) Ref: WMO Code 2700
- (26) VISIBILITY: Visibility at the surface (See Table 10). Ref: WMO Code 4300.
- (27) STATION: A station reference number, assigned by the institute prior to, or during the survey.
- (28) HOURS AFTER HIGH WATER: Indicates the state of the tide for nearshore observations.

## OBSERVED DATA HEADINGS

(1) GMT	(2) DEPTH	(3) TEMP	(4) SAL	(5) OXYGEN	(6) SGMT
(7) SOUND	(8) $PO_4$	(9) -P-	(10) $NO_2$	(11) $NO_3$	(12) $SiO_2$
				(13) pH.	

NOTE: Headings (1) to (7) will always be present. Headings (8) to (13) appear only when one or more additional chemical entries were made.

(1) G.M.T.: The Greenwich Mean Time of (in-situ) thermometer inversion and sea water sample collection.

When a multiple cast was initiated prior to and continued after midnight, the times indicated are uninterrupted by the change of day and appear beyond 24.0 hours. This will be accompanied by a statement: "MULTIPLE CAST CONTINUED NEXT DAY", which is printed following the last level of observed values.

(2) DEPTH: The depth in metres at the reversal time of deepest cast.

(3) TEMPERATURE: Temperatures from deepsea reversing thermometers, read to 0.01° C. Surface temperature measurement procedures are described in the chapter "OBSERVATION PROCEDURES" of section I, and/or the "GENERAL INFORMATION" chapter of section III. An alphabetical character following the temperature value represents the measurement error estimate referred to in the INTRODUCTION to this section.

(4) SALINITY: Salinity as defined by:  $S = 0.03 + 1.805 C1\%$ , reported in:  
 a. 1/100 parts per 1000, or  
 b. 1/1000 parts per 1000.

In case a: an alphabetical character following the value is the measurement error estimate as referred to under (3).

In case b: no error estimate indication is provided for, but an additional decimal digit takes its place.

(5) OXYGEN: The concentration of dissolved oxygen expressed in millilitres per litre to 2 decimal places. An alphabetical character following the value is the measurement error estimate as referred to under (3).

(6) SIGMA-T: The specific gravity anomaly as defined by:  $(\text{Specific gravity} - 1) \times 10^3$  (e.g.,  $\sigma_t$  reported as 2456, reads 24.56, and corresponds to a specific gravity of 1.02456).

(7) SOUND: The sound velocity is reported in m/sec. to 1 decimal place (e.g., 1437.9 m/sec.). The computation is carried out using Wilson's formula (1960), expressed in terms of temperature, salinity and total pressure.

- (8)  $\text{PO}_4$  Phosphate-Phosphorus reported to hundredths of microgram-atoms per litre.
- (9) -P- Total Phosphorus reported to hundredths of microgram-atoms per litre.
- (10)  $\text{NO}_2$  Nitrite-Nitrogen reported to hundredths of microgram-atoms per litre — No dissolved nitrogen included —
- (11)  $\text{NO}_3$  Nitrate-Nitrogen reported to tenths of microgram-atoms per litre.
- (12)  $\text{SiO}_2$  Silicate-Silicon reported in whole microgram-atoms per litre.
- (13) pH The pH value.

NOTE: "TRC" (trace) is reported when a chemical entry has a value less than the standard deviation of measurement for that particular variable.

#### INTERPOLATED DATA HEADINGS

(1) DEPTH	(2) TEMP	(3) SAL	(4) OXYGEN	(5) SGMT	(6) SOUND
(7) DELTA-D	(8) POT-EN	(9) SVA.			

- (1) DEPTH: Standard Oceanographic Depth in whole metres, as well as additional depths: 125, 175, 225, 3500, 4500, 5500, 6500, 7500, 8500, 9500.
- (2) TEMPERATURE: Interpolated value at standard depth, followed by the combined measurement and interpolation error estimate (see "INTRODUCTION" to section II of the data record).
- (3) SALINITY:
- A. The reported salinity values are measured to three decimal places.
    - (i) the interpolation error estimate is less than twice the standard deviation of measurement
      - the interpolated value is reported to three decimal places (e.g., 30.139).
    - (ii) the interpolation error estimate is equal to or greater than twice the standard deviation of measurement.
      - the interpolated value is reported to two decimal places, and followed by the interpolation error estimate (e.g., 29.23 C).
  - B. The reported salinity values are measured to two decimal places and followed by the measurement error estimate.
    - the interpolated value is reported to two decimal places, and followed by the combined measurement and interpolation error estimate (e.g., 30.59 B).
- (4) OXYGEN: Interpolated value at standard depth, followed by the combined measurement and interpolation error estimate (see "Introduction" to section II of the data record).



- (5) SIGMA-T: Computed from temperature and salinity values at standard oceanographic depth.
- (6) SOUND VELOCITY: Computed from temperature, salinity and total pressure values at standard oceanographic depth, using Wilson's formula (1960).
- (7) DELTA-D: The geo-potential anomaly as defined by:
- $$\Delta D = \int_0^p \delta dp$$
- $\Delta D$  is expressed in dynamic metres ( $10^5$  ergs/gram) and recorded to three decimal places (e.g., 2.345 dyn. metres).
- (8) POTENTIAL ENERGY ANOMALY: The Potential energy anomaly  $\chi$  as defined by:
- $$\chi = 1/g \int_0^p p \delta dp = \int_0^z \rho p \delta dz$$
- $\chi$  is expressed in units of  $10^8$  ergs/cm<sup>2</sup> and recorded to two decimal places (e.g., 116.44).
- (9) SPECIFIC VOLUME ANOMALY: The specific volume anomaly as defined by:
- $$\delta = \alpha - \alpha_{35.0.P}$$
- $\delta$  is expressed in ml/gr, and conventionally reported as  $10^5 \delta$ , to one decimal place (i.e.,  $\delta$  reported as 1234, reads 123.4, and corresponds to a specific volume anomaly of 0.001234 ml/gr.).



## SPECIAL CHARACTERS

- ‡ (Record mark): is used to indicate inconsistencies which are printed in an area below the "Observed Data". A corresponding record mark at the extreme left hand side indicates the level at which the inconsistency occurs
- \* (Asterisk): this character may occur in the **interpolated** portion of the data record. It is printed at the extreme left hand side of the page, when three or more standard depth levels fall within any one **observed depth interval**. The **third**, and all consequent levels are preceded by the asterisk to indicate that more than **two** machine interpolations were carried out, utilizing the same set of interpolation parabolas. The asterisk will also appear when the last standard depth is an extrapolation and there are at least two interpolations between the last two observed depths.
- Q: appears occasionally in this data record, preceding an observed oxygen value. This "questionable" indicator infers that the value does not fit the usual pattern of oxygen distribution. "The questionable" value could be due to a sampling error and, generally, is not a result of an error in determination.

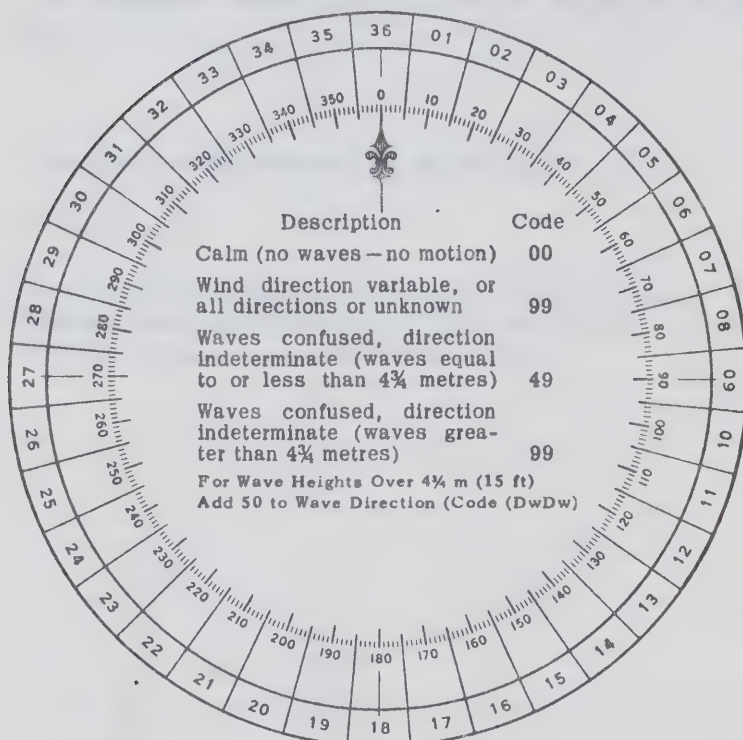
**Table 1**  
**CONVERSION**  
**MINUTES TO  $\frac{1}{10}$  HRS.**

Minutes	Tenths Hrs.
00-03	0
04-08	1
09-15	2
16-20	3
21-27	4
28-32	5
33-39	6
40-44	7
45-51	8
52-56	9
57-59	0 (next HR.)

**Table 2**  
**WATER COLOR CODE**  
**Based on Percentage Yellow**

Code:	Description
00	Deep Blue
10	Blue
20	Greenish Blue
30	Bluish Green
40	Green
50	Light Green
60	Yellowish Green
70	Yellow Green
80	Green Yellow
90	Greenish Yellow
99	Yellow

**Table 3. DIRECTION CODE (dd)**



**NOTE:**

Always use the true direction from which the wind is blowing, or the direction from which Waves I (sea), or Waves II (swell) come.

**Table 4. PERIOD OF THE WAVES (Pw)**  
(Measure to the Nearest Second)

Code:	Period in Seconds:	Code:	Period in Seconds:
2	5 sec. or less	8	16 or 17 sec.
3	6 or 7 sec.	9	18 or 19 sec.
4	8 or 9 sec.	0	20 or 21 sec.
5	10 or 11 sec.	1	Over 21 sec.
6	12 or 13 sec.	X	Calm, or period not determined
7	14 or 15 sec.		

**Table 5. HEIGHT OF THE WAVES (Hw)**

- The average value of the wave height (vertical distance between trough and crest) is reported, as obtained from the larger well formed waves of the wave system being observed.
- Each code figure provides for reporting a range of heights. For example: 1 =  $\frac{1}{4}$  m (1 ft) to  $\frac{3}{4}$  m ( $2\frac{1}{2}$  ft); 5 =  $2\frac{1}{4}$  m (7 ft) to  $2\frac{3}{4}$  m (9 ft); 9 =  $4\frac{1}{4}$  m ( $13\frac{1}{2}$  ft) to  $4\frac{3}{4}$  m (15 ft), etc.
- If a wave height comes exactly midway between the heights corresponding to two code figures, the lower code figure is reported; e.g. a height of  $2\frac{3}{4}$  m is reported by code figure 5.

Code			Code
0	Less than ¼ m (1 ft)		0 5 m (16 ft)
1	½ m ( 1½ ft)		1 5½ m (17½ ft)
2	1 m ( 3 ft)		2 6 m (19 ft)
3	1½ m ( 5 ft)	Add 50 to Dw Dw	3 6½ m (21 ft)
4	2 m ( 6½ ft)		4 7 m (22½ ft)
5	2½ m ( 8 ft)		5 7½ m (24 ft)
6	3 m ( 9½ ft)		6 8 m (25½ ft)
7	3½ m (11 ft)		7 8½ m (27 ft)
8	4 m (13 ft)		8 9 m (29 ft)
9	4½ m (14 ft)		9 9½ m (30½ ft) or more
x	Height not determined		

**Table 6. WIND FORCE CODE**

The Beaufort force of the wind is estimated from the appearance of the sea surface, according to the table below. This table is only intended as a guide to show roughly what may be expected on the open sea, remote from land. Factors which must be taken into account are the "lag" effect between the wind increasing and the sea getting up; and the influence of "fetch", depth, swell, heavy rain and tide effect on the appearance of the sea. Estimation of the wind force by this method becomes unreliable in shallow water or when close inshore, owing to the tidal effect and the shelter provided by the land.

Code	Appearance of sea if fetch and duration of the blow have been sufficient to develop the sea fully	Description
00	Sea like a mirror	Calm
01	Ripples with the appearance of scales are formed, but without foam crests.	Light Air
02	Small wavelets; crests have a glassy appearance and do not break.	Light Breeze
03	Large wavelets; crests begin to break; foam of glassy appearance; perhaps scattered white horses.	Gentle Breeze
04	Small waves, becoming longer; fairly frequent white horses.	Moderate breeze
05	Moderate waves; many white horses are formed (chance of some spray)	Fresh Breeze
06	Large waves; white foam crests everywhere (probably some spray)	Strong Breeze
07	Sea heaps up and white foam from breaking waves begins to be blown in streaks along the direction of the wind.	Near Gale
08	Moderately high waves; edges of crests begin to break into the spindrift; foam is blown in well-marked streaks along the direction of the wind.	Gale
09	High waves; dense streaks of foam along wind; crests begin to topple, tumble and roll over; spray may affect visibility.	Strong Gale
10	Very high waves with long overhanging crests; foam in great patches blown in dense white streaks along wind; sea surface takes a white appearance; tumbling becomes heavy and shock-like; visibility affected.	Storm
11	Exceptionally high waves (medium sized ships may be lost to view behind waves); sea covered with long white patches of foam lying along the wind; everywhere edges of crests are blown into froth; visibility affected.	Violent Storm
12	Air is filled with foam and spray; sea completely white with driving spray; visibility seriously affected.	Hurricane



Table 7. PRESENT WEATHER

W.W. CODE

## NO PRECIPITATION ON STATION AT TIME OF OBSERVATION

Code figure		ww		
No meteors except photometers	{	00	Cloud development not observed or not observable	
		01	Clouds generally dissolving or becoming less developed	
		02	State of sky on the whole unchanged	
Haze, dust, sand or smoke	{	03	Clouds generally forming or developing	
		04	Visibility reduced by smoke, e.g. veldt or forest fires, industrial smoke or volcanic ashes	
		05	Haze	
		06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation	
		07	Dust or sand raised by wind at or near the station at the time of observation, but no well developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen	
		08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour or at the time of observation, but no dustorm or sandstorm	
		09	Duststorm or sandstorm within sight at the time of observation, or at the station during the preceding hour	
		10	Mist	
		11	Patches of	shallow fog or ice fog at the station, whether on land or sea, not deeper than about 2 metres on land or 10 metres at sea
		12	More of less continuous	
		13	Lightning visible, no thunder heard	
		14	Precipitation within sight, not reaching the ground or the surface of the sea	
		15	Precipitation within sight, reaching the ground or the surface of the sea, but distant (i.e. estimated to be more than 5 km) from the station	
		16	Precipitation within sight, reaching the ground or the surface of the sea, near to, but not at the station	
		17	Thunderstorm, but no precepitation at the time of observation	
		18	Squalls	} at or within sight of the station during the preceding hour or at the time of observation
		19	Funnel clouds	

ww = 20 - 29	Precipitation, fog, ice fog or thunderstorm at the station during the preceding hour but not at the time of observation	
20	Drizzle (not freezing) or snow grains	
21	Rain (not freezing)	
22	Snow	
23	Rain and snow or ice pellets, type (a)	
24	Freezing drizzle or freezing rain	
25	Shower (s) of rain	
26	Shower (s) of snow, or of rain and snow	
27	Shower (s) of hail, or of rain and hail	
28	Fog or ice fog	
29	Thunderstorm (with or without precipitation)	
ww = 30 - 39	Duststorm, sandstorm, drifting or blowing snow	
30	{ Slight or moderate duststorm or sandstorm	{ -has decreased during the preceding hour
31		
32	{ Severe duststorm or sandstorm	{ -has begun or has increased during the preceding hour
33		
34	{ Severe duststorm or sandstorm	{ -has decreased during the preceding hour
35		
36	{ Slight or moderate blowing snow	{ generally low (below eye level)
37		
38	{ Slight or moderate blowing snow	{ generally high (above eye level)
39		
ww = 40 - 49	Fog or ice fog at the time of observation	
40	Fog or ice fog at a distance at the time of observation, but not at the station during the preceding hour, the fog or ice fog extending to a level above that of the observer	
41	Fog or ice fog in patches	
42	Fog or ice fog, sky visible	
43	Fog or ice fog, sky invisible	
44	Fog or ice fog, sky visible	
45	Fog or ice fog, sky invisible	
46	Fog or ice fog, sky visible	
47	Fog or ice fog, sky invisible	
48	Fog, depositing rime, sky visible	
49	Fog, depositing rime, sky invisible	

## NO PRECIPITATION ON STATION AT TIME OF OBSERVATION

# PRECIPITATION ON STATION AT TIME OF OBSERVATION

## ww = 50 - 59 Drizzle

- |    |  |   |                                      |
|----|--|---|--------------------------------------|
| 50 | Drizzle, not freezing, intermittent          | { | slight at time of observation        |
| 51 | Drizzle, not freezing, continuous            |   |                                      |
| 52 | Drizzle, not freezing, intermittent          | { | moderate at time of observation      |
| 53 | Drizzle, not freezing, continuous            |   |                                      |
| 54 | Drizzle, not freezing, intermittent          | { | heavy (dense) at time of observation |
| 55 | Drizzle, not freezing, continuous            |   |                                      |
| 56 | Drizzle, freezing, slight                    |   |                                      |
| 57 | Drizzle, freezing, moderate or heavy (dense) |   |                                      |
| 58 | Drizzle and rain, slight                     |   |                                      |
| 59 | Drizzle and rain, moderate or heavy          |   |                                      |

## ww = 60 - 69 Rain

- |    |   |   |                                 |
|----|---|---|---------------------------------|
| 60 | Rain, not freezing, intermittent            | { | slight at time of observation   |
| 61 | Rain, not freezing, continuous              |   |                                 |
| 62 | Rain, not freezing, intermittent            | { | moderate at time of observation |
| 63 | Rain, not freezing, continuous              |   |                                 |
| 64 | Rain, not freezing, intermittent            | { | heavy at time of observation    |
| 65 | Rain, not freezing, continuous              |   |                                 |
| 66 | Rain, freezing, slight                      |   |                                 |
| 67 | Rain, freezing, moderate or heavy           |   |                                 |
| 68 | Rain or drizzle and snow, slight            |   |                                 |
| 69 | Rain or drizzle and snow, moderate or heavy |   |                                 |

## 70 - 79 Solid precipitation not in showers

- |    |   |   |                                 |
|----|---|---|---------------------------------|
| 70 | Intermittent fall of snow flakes                      | { | slight at time of observation   |
| 71 | Continuous fall of snow flakes                        |   |                                 |
| 72 | Intermittent fall of snow flakes                      | { | moderate at time of observation |
| 73 | Continuous fall of snow flakes                        |   |                                 |
| 74 | Intermittent fall of snow flakes                      | { | heavy at time of observation    |
| 75 | Continuous fall of snow flakes                        |   |                                 |
| 76 | Ice prisms (with or without fog)                      |   |                                 |
| 77 | Snow grains (with or without fog)                     |   |                                 |
| 78 | Isolated starlike snow crystals (with or without fog) |   |                                 |
| 79 | Ice pellets, type (a)                                 |   |                                 |

## ww = 80 - 99 Showery precipitation, or precipitation with current or recent thunderstorm

- |    |  |   |   |
|----|--|---|---|
| 80 | Rain shower(s), slight   |   |   |
| 81 | Rain shower(s), moderate or heavy  |   |   |
| 82 | Rain shower(s), violent  |   |   |
| 83 | Shower(s) of rain and snow mixed, slight   |   |   |
| 84 | Shower(s) of rain and snow mixed, moderate or heavy  |   |   |
| 85 | Snow shower(s), slight   |   |   |
| 86 | Snow shower(s), moderate or heavy  |   |   |
| 87 | Shower(s) of snow pellets or ice pellets, type (b), with or without rain                         | { | - slight  |
| 88 | or rain and snow mixed   |   |   |
| 89 | Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder      | { | - moderate or heavy   |
| 90 |  |   |   |
| 91 | Slight rain at time of observation   | { | thunderstorm during the preceding hour but not at time of observation |
| 92 | Moderate or heavy rain at time of observation  |   |   |
| 93 | Slight snow, or rain and snow mixed or hail at time of observation                               |   |   |
| 94 | Moderate or heavy snow, or rain and snow mixed or hail at time of observation                    | { | thunderstorm at time of observation                                   |
| 95 | Thunderstorm, slight or moderate, without hail, but with rain and/or snow at time of observation |   |   |
| 96 | Thunderstorm, slight or moderate, with hail at time of observation                               |   |   |
| 97 | Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation              | { |   |
| 98 | Thunderstorm, combined with duststorm or sandstorm at time of observation                        |   |   |
| 99 | Thunderstorm, heavy, with hail at time of observation  |   |   |

# PRECIPITATION ON STATION AT TIME OF OBSERVATION

**Table 8. CLOUD TYPE CODE**

Code	Cloud Type	Code	Cloud Type
0	Cirrus ..... Cl	5	Nimbostratus ..... Ns
1	Cirrocumulus ..... Cc	6	Stratocumulus ..... Sc
2	Cirrostratus ..... Cs	7	Stratus ..... St
3	Alto cumulus ..... Ac	8	Cumulus ..... Cu
4	Altostratus ..... As	9	Cumulonimbus ..... Cb
X	Cloud not visible owing to darkness, fog, duststorm, sandstorm, or other analogous phenomena		

**Table 9. CLOUD AMOUNT CODE**

Code	Cloud Cover	Code	Cloud Cover
0	0	6	6 oktas
1	1 okta or less, but not zero	7	7 oktas or more, but not 8 oktas
2	2 oktas	8	8 oktas
3	3 oktas	9	Sky obscured, or cloud amount cannot be estimated
4	4 oktas		
5	5 oktas		

Note: 1 okta =  $\frac{1}{8}$  of the sky covered

**Table 10. VISIBILITY**

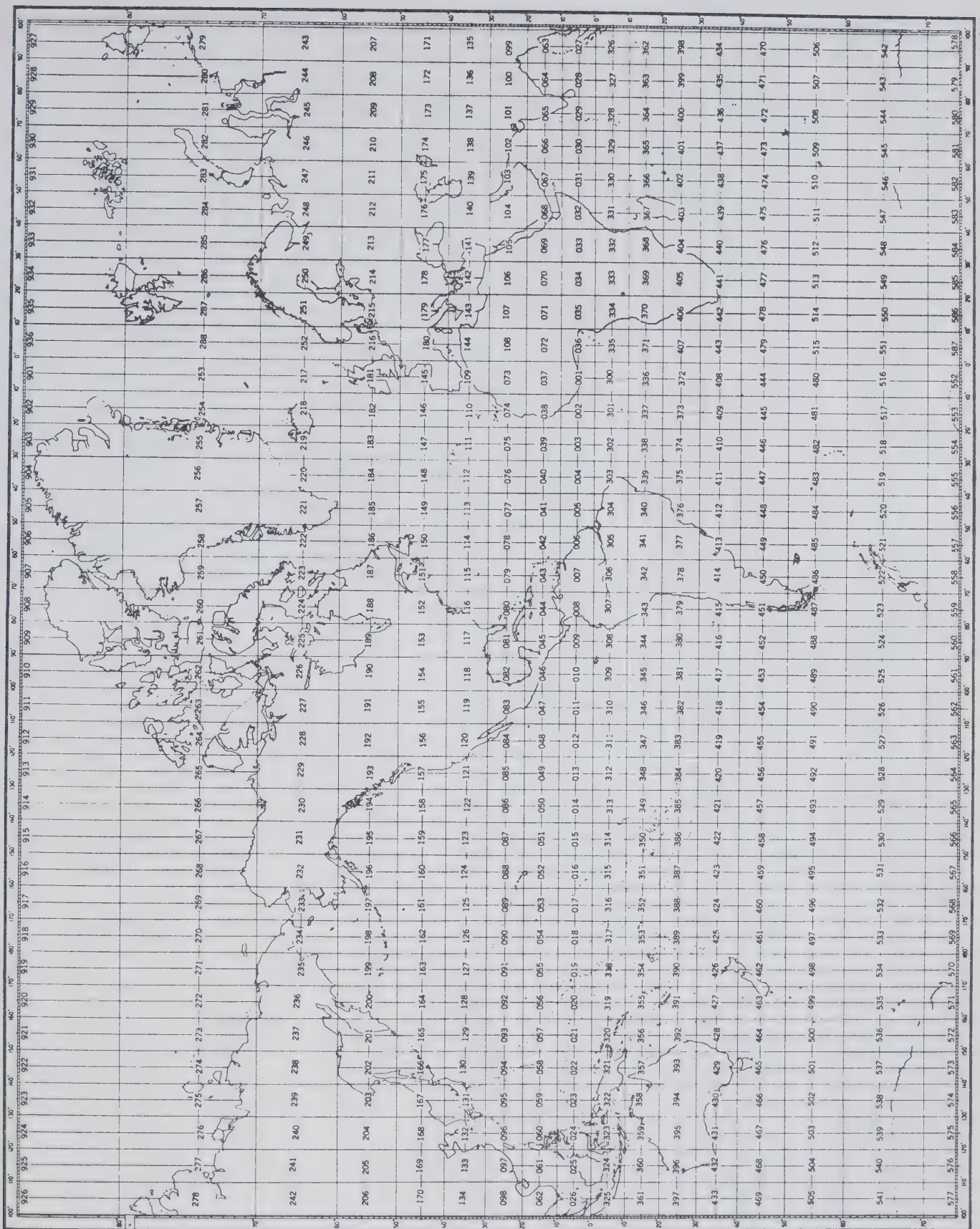
Code	Estimate of hor. Visibility
0	Less than 50 metres (less than 55 yards)
1	50-200 metres (approx. 55-220 yards)
2	200-500 metres (approx. 220-550 yards)
3	500-1,000 metres (approx. 550 yards- $\frac{5}{8}$ n.m.)
4	1-2 km (approx. $\frac{5}{8}$ -1 n.m.)
5	2-4 km (approx. 1-2 n.m.)
6	4-10 km (approx. 2-6 n.m.)
7	10-20 km (approx. 6-12 n.m.)
8	20-50 km (approx. 12-30 n.m.)
9	50 km or more (30 n.m. or more)

Note: n.m. = nautical mile

TABLE 11. INSTITUTE CODE

Code	Institute
01	Marine Ecology Laboratory, Bedford Institute
02	Pacific Oceanographic Group
03	Biological Station, St. Andrews, N.B.
04	Arctic Biological Station, Ste. Anne de Bellevue, P.Q.
05	Biological Station, St. John's Nfld.
06	Station de Biologie Marine, Grande Riviere, P.Q.
07	Marine Sciences Branch, Central Region
08	Defence Research Establishment, Atlantic
09	Defence Research Establishment, Pacific
10	Atlantic Oceanographic Laboratory, Bedford Institute
11	Polar Continental Shelf Project
12	Great Lakes Institute
13	Institute of Oceanography, University of British Columbia
14	Institute of Oceanography, Dalhousie University
15	Marine Sciences Branch, Pacific Region
16	Department of Transport
17	Marine Sciences Centre, McGill University
18	Canadian Forces Maritime Command, East Coast
19	Canadian Forces Maritime Command, West Coast
20	Ontario Water Resources Commission
21	Dept. of National Health and Welfare
22	Inland Waters Branch, Dept. of Energy, Mines and Resources.





MARS DEN SQUARE CHART



OCEANOGRAPHIC DATA CRUISE 009/68

30 SEPTEMBER - 4 OCTOBER 1968





C-REF-NO 009	YR 1968	DEPTH 101	WAVES 1	XX	AIR T	VIS
CONS. NO 001	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 076
LAT 48-315N	DAY 01	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-300W	HR 05.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
056	0000	1030 B	31921		2452	14875
056	0005	1014	31874		2451	14870
056	0010	1014	31870		2451	14871
056	0020	0936	31968		2471	14845
056	0030	0927	32035		2478	14844
056	0050	0914	32109		2486	14843
056	0075	0705	33695		2641	14788

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1030 B	31921		2452	14875	0000	00000	3421
0010	1014	31870		2451	14871	0034	00002	3434
0020	0936	31968		2471	14845	0068	00007	3242
0030	0927	32035		2478	14844	0100	00015	3181
0050	0914	32109		2486	14843	0164	00041	3109
0075	0705	33695		2641	14788	0223	00077	1641

C-REF-NO 009	YR 1968	DEPTH 232	WAVES 1	XX	AIR T	VIS
CONS. NO 002	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 075
LAT 48-282N	DAY 01	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-326W	HR 06.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
063	0000	0990 B	31857	425 B	2454	14860
063	0005	0981	31791	426 B	2450	14857
063	0010	0929	31937	374 B	2470	14840
063	0020	0890	32221	348 B	2498	14831
063	0030	0861	32477	329 B	2523	14825
063	0050	0802	33031	312 B	2575	14813
063	0075	0739	33518	299 B	2622	14799
063	0100	0717	33682	310 B	2638	14796
063	0150	0693	33789	215 B	2650	14796
063	0200	0688 B	33849	238 B	2655	14803

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0990 B	31857	425 B	2454	14860	0000	00000	3406
0010	0929	31937	374 B	2470	14840	0033	00002	3254
0020	0890	32221	348 B	2498	14831	0065	00006	2986
0030	0861	32477	329 B	2523	14825	0094	00014	2755
0050	0802	33031	312 B	2575	14813	0144	00034	2263
0075	0739	33518	299 B	2622	14799	0196	00066	1818
0101	0717	33682	310 B	2638	14796	0239	00105	1670
0126	0702	3375 D	265 D	2646	14795	0281	00153	1599
0151	0693	33789	215 B	2650	14796	0320	00209	1566
0176	0688	33828	215 B	2653	14799	0360	00274	1534
0201	0688 B	33849	238 B	2655	14803	0398	00348	1522

C-REF-NO 009	YR 1968	DEPTH 188	WAVES 1	XX	AIR T	VIS
CONS. NO 003	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 074
LAT 48-251N	DAY 01	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-356W	HR 07.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
073	0000	0980 B	32033		2469	14859
073	0005	0976	32006		2468	14858
073	0010	0946	32122		2482	14849
073	0020	0881	32435		2516	14830
073	0030	0835	32768		2549	14819
073	0050	0766	33424		2611	14804
073	0075	0743	33564		2625	14801
073	0100	0725	33671		2636	14799
073	0150	0718	33768		2645	14806

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	32033		2469	14859	0000	00000	3259
0010	0946	32122		2482	14849	0032	00002	3142
0020	0881	32435		2516	14830	0062	00006	2814
0030	0835	32768		2549	14819	0089	00013	2501
0050	0766	33424		2611	14804	0133	00031	1920
0075	0743	33564		2625	14801	0180	00060	1790
0101	0725	33671		2636	14799	0224	00099	1689
0126	0717	33739		2642	14801	0266	00148	1632
0151	0718	33768		2645	14806	0307	00205	1614

C-REF-NO 009	YR 1968	DEPTH 174	WAVES 1 XX	AIR T	VIS
CONS. NO 004	MONTH 10	MXSAMPD 01	WAVES 2 XX	WET B	STN 073
LAT 48-152N	DAY 01	NO.DPTH 9	WND-DIR	WW-CODE	
LON 124-070W	HR 09.8	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
098	0000	0990 B	31996		2465	14862
098	0005	0939	31843		2461	14842
098	0010	0940	31918		2467	14844
098	0020	0902	32254		2499	14836
098	0030	0868	32531		2526	14828
098	0050	0796	33176		2587	14812
098	0075	0746	33504		2620	14801
098	0100	0735	33619		2630	14802
098	0150	0727	33679		2636	14808

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0990 B	31996		2465	14862	0000	00000	3302
0010	0940	31918		2467	14844	0033	00002	3284
0020	0902	32254		2499	14836	0065	00006	2979
0030	0868	32531		2526	14828	0093	00014	2724
0050	0796	33176		2587	14812	0142	00033	2147
0075	0746	33504		2620	14801	0192	00065	1838
0101	0735	33619		2630	14802	0237	00105	1741
0126	0727	3368 B		2637	14804	0281	00155	1683
0151	0727	33679		2636	14808	0323	00215	1693



C-REF-NO 009	YR 1968	DEPTH 192	WAVES 1	XX	AIR T	VIS
CONS. NO 005	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 072
LAT 48-186N	DAY 01	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-038W	HR 10.5	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
105	0000	0990 B	31576	426 B	2432	14856
105	0005	0966	31530	415 B	2432	14848
105	0010	0964	31640	398 B	2441	14849
105	0020	0920	31891	368 B	2468	14838
105	0030	0905	32075	355 B	2485	14836
105	0050	0856	32574	336 B	2531	14827
105	0075	0773	33256	305 B	2597	14808
105	0100	0718	33648	216 B	2635	14796
105	0150	0693	33810	223 B	2651	14797

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0990 B	31576	426 B	2432	14856	0000	00000	3614
0010	0964	31640	398 B	2441	14849	0036	00002	3527
0020	0920	31891	368 B	2468	14838	0070	00007	3275
0030	0905	32075	355 B	2485	14836	0102	00015	3119
0050	0856	32574	336 B	2531	14827	0161	00039	2679
0075	0773	33256	305 B	2597	14808	0220	00076	2059
0101	0718	33648	216 B	2635	14796	0267	00118	1697
0126	0691	33838	196 C	2654	14792	0308	00164	1523
0151	0693	33810	223 B	2651	14797	0347	00219	1550

C-REF-NO 009	YR 1968	DEPTH 119	WAVES 1 XX	AIR T	VIS
CONS. NO 006	MONTH 10	MXSAMPD 01	WAVES 2 XX	WET B	STN 071
LAT 48-222N	DAY 01	NO.DPTH 8	WND-DIR	WW-CODE	
LON 124-006W	HR 11.6	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
116	0000	0940 B	31592		2441	14838
116	0005	0960	31580		2437	14846
116	0010	0967	31588		2437	14850
116	0020	0937	31711		2451	14842
116	0030	0925	31861		2465	14841
116	0050	0886	32215		2498	14834
116	0075	0753	33363		2608	14802
116	0100	0720	33658		2636	14797

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	31592		2441	14838	0000	00000	3526
0010	0967	31588		2437	14850	0036	00002	3570
0020	0937	31711		2451	14842	0071	00007	3435
0030	0925	31861		2465	14841	0105	00016	3307
0050	0886	32215		2498	14834	0168	00041	2990
0075	0753	33363		2608	14802	0230	00080	1953
0101	0720	33658		2636	14797	0276	00120	1693

C-REF-NO 009	YR 1968	DEPTH 155	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 070
LAT 48-192N	DAY 01	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-432W	HR 13.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
130	0000	0870 B	31715		2462	14813
130	0005	0921	31621		2447	14832
130	0010	0926	31663		2449	14835
130	0020	0914	31777		2460	14834
130	0030	0906	31922		2472	14834
130	0050	0882	32225		2500	14833
130	0075	0772	33151		2589	14807
130	0100	0728	33593		2629	14799

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	31715		2462	14813	0000	00000	3331
0010	0926	31663		2449	14835	0034	00002	3453
0020	0914	31777		2460	14834	0068	00007	3351
0030	0906	31922		2472	14834	0101	00015	3234
0050	0882	32225		2500	14833	0164	00041	2977
0075	0772	33151		2589	14807	0228	00081	2137
0101	0728	33593		2629	14799	0277	00124	1752

C-REF-NO 009	YR 1968	DEPTH 177	WAVES 1	XX	AIR T	VIS
CONS. NO 008	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 069
LAT 48-156N	DAY 01	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-432W	HR 13.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
138	0000	1000 B	31203	494 B	2401	14855
138	0005	0995	31198	434 B	2402	14854
138	0010	0967	31454	429 B	2426	14848
138	0020	0897	32046	357 B	2483	14831
138	0030	0862	32466	324 B	2522	14825
138	0050	0852	32664	324 B	2539	14827
138	0075	0788	33206	294 B	2591	14814
138	0100	0747	33493	289 B	2619	14805
138	0150	0709	33792	218 B	2648	14803

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1000 B	31203	494 B	2401	14855	0000	00000	3906
0010	0967	31454	429 B	2426	14848	0038	00002	3670
0020	0897	32046	357 B	2483	14831	0072	00007	3126
0030	0862	32466	324 B	2522	14825	0102	00014	2765
0050	0852	32664	324 B	2539	14827	0156	00036	2607
0075	0788	33206	294 B	2591	14814	0215	00074	2117
0101	0747	33493	289 B	2619	14805	0265	00118	1851
0126	0720	3369 B	261 B	2639	14802	0309	00169	1666
0151	0709	33792	218 B	2648	14803	0350	00227	1584



C-REF-NO 009	YR 1968	DEPTH 134	WAVES 1	XX	AIR T	VIS
CONS. NO 009	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 068
LAT 48-121N	DAY 01	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-432W	HR 14.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
146	0000	0980 B	31192		2404	14848
146	0005	0988	31118		2397	14851
146	0010	0977	31339		2416	14850
146	0020	0924	31786		2459	14838
146	0030	0849	32634		2537	14822
146	0050	0813	32990		2570	14816
146	0075	0761	33466		2615	14806
146	0100	0730	33671		2635	14801
146	0125	0721	33738		2642	14803

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	31192		2404	14848	0000	00000	3883
0010	0977	31339		2416	14850	0038	00002	3770
0020	0924	31786		2459	14838	0074	00007	3360
0030	0849	32634		2537	14822	0104	00015	2621
0050	0813	32990		2570	14816	0154	00035	2309
0075	0761	33466		2615	14806	0207	00068	1886
0101	0730	33671		2635	14801	0252	00108	1696
0126	0721	33738		2642	14803	0294	00156	1637

C-REF-NO 009	YR 1968	DEPTH 106	WAVES 1	XX	AIR T	VIS
CONS. NO 010	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 067
LAT 48-228N	DAY 01	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-181W	HR 17.5	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
175	0000	1040 B	30487		2339	14861
175	0005	0996	30467		2345	14845
175	0010	0998	30506		2348	14847
175	0020	0989	30641		2360	14847
175	0030		30800			
175	0050	0977	30821		2375	14852
175	0075	0973 B	30867		2380	14855

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1040 B	30487		2339	14861	0000	00000	4500
0010	0998	30506		2348	14847	0045	00002	4420
0020	0989	30641		2360	14847	0089	00009	4308
0030	0983	30800		2373	14849	0131	00020	4184
0050	0977	30821		2375	14850	0215	00054	4161
0075	0973 B	30867		2380	14853	0319	00121	4125

C-REF-NO 009	YR 1968	DEPTH 99	WAVES 1	XX	AIR T	VIS
CONS. NO 011	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 066
LAT 48-193N	DAY 01	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-141W	HR 18.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
182	0000	1040 B	30319		2326	14859
182	0005	1022	29941		2300	14848
182	0010	1006	30749		2365	14853
182	0020	0982	31029		2391	14850
182	0030	0978	31098		2397	14851
182	0050	0919	31621		2447	14839
182	0075	0798	32947		2569	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1040 B	30319		2326	14859	0000	00000	4625
0010	1006	30749		2365	14853	0045	00002	4253
0020	0982	31029		2391	14850	0086	00008	4010
0030	0978	31098		2397	14851	0126	00019	3955
0050	0919	31621		2447	14839	0201	00049	3480
0075	0798	32947		2569	14814	0274	00094	2324

C-REF-NO 009	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 012	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 065
LAT 48-158N	DAY 01	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-100W	HR 18.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
189	0000	1080 B	30286	462 B	2317	14873
189	0005	1038	30228	476 B	2319	14858
189	0010	1025	30287	462 B	2326	14855
189	0020	1010	30568	415 B	2350	14854
189	0030	0986	31089	393 B	2395	14854
189	0050	0935	31701	362 B	2451	14846
189	0075	0843 B	32508	315 B	2528	14826
189	0100	0809	32820	292 B	2557	14821
189	0120	0777	33219	264 B	2593	14817

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1080 B	30286	462 B	2317	14873	0000	00000	4713
0010	1025	30287	462 B	2326	14855	0047	00002	4625
0020	1010	30568	415 B	2350	14854	0092	00009	4395
0030	0986	31089	393 B	2395	14854	0134	00020	3972
0050	0935	31701	362 B	2451	14846	0209	00050	3444
0075	0843 B	32508	315 B	2528	14826	0286	00098	2713
0101	0809	32820	292 B	2557	14821	0351	00156	2438



C-REF-NO 009	YR 1968	DEPTH 91	WAVES 1	XX	AIR T	VIS
CONS. NO 013	MONTH 10	MXSAMPD 00	WAVES 2	XX	WET B	STN 064
LAT 48-122N	DAY 01	NO.DPTH 5	WND-DIR		WW-CODE	
LON 123-059W	HR 19.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
197	0000	0950 B	31843		2459	14845
197	0005	0944	31800		2457	14843
197	0010	0946	31837		2460	14845
197	0019	0921	32001		2476	14839
197	0029	0910	32114		2487	14838

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0950 B	31843		2459	14845	0000	00000	3354
0010	0946	31837		2460	14845	0034	00002	3353
0020	0919	32014		2478	14839	0067	00007	3182

C-REF-NO 009	YR 1968	DEPTH 159	WAVES 1	XX	AIR T	VIS
CONS. NO 014	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 063
LAT 48-145N	DAY 01	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-588W	HR 20.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
204	0000	1040 B	30091	507 B	2309	14856
204	0005	1023	30695	431 B	2358	14858
204	0010	1011	30971	400	2382	14858
204	0020	0913	31795	352 B	2461	14834
204	0030	0869	32351	331 B	2512	14826
204	0050	0969	31266	320 B	2411	14853
204	0075	0855	32480	320 B	2524	14830
204	0100	0839	32619	313 B	2537	14830
204	0150	0776 B	33267	217 B	2597	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1040 B	30091	507 B	2309	14856	0000	00000	4793
0010	1011	30971	400	2382	14858	0045	00002	4096
0020	0913	31795	352 B	2461	14834	0082	00008	3337
0030	0869	32351	331 B	2512	14826	0113	00015	2861
0050	0969	31266	320 B	2411	14853	0180	00044	3818
0075	0855	32480	320 B	2524	14830	0263	00095	2753
0101	0839	32619	313 B	2537	14830	0331	00156	2630
0126	0806 C	3294 I	277 B	2567	14825	0393	00227	2345
0151	0776 B	33267	217 B	2597	14822	0449	00305	2067

C-REF-NO 009	YR 1968	DEPTH 155	WAVES 1	XX	AIR T	VIS
CONS. NO 015	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 062
LAT 48-228N	DAY 01	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-027W	HR 21.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
216	0000	1050 B	30482	446 B	2337	14864
216	0005	0979	30682	424 B	2364	14842
216	0010	0980	30772	404 B	2371	14844
216	0020	0961	31002	386 B	2392	14842
216	0030	0960	31145	383 B	2403	14845
216	0050	0909	31799	347	2462	14837
216	0075	0869	32236	323 B	2503	14832
216	0100	0853	32408	308 B	2518	14832
216	0150	0821	32765	295 B	2551	14833

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1050 B	30482	446 B	2337	14864	0000	00000	4519
0010	0980	30772	404 B	2371	14844	0044	00002	4196
0020	0961	31002	386 B	2392	14842	0085	00008	3997
0030	0960	31145	383 B	2403	14845	0125	00019	3892
0050	0909	31799	347	2462	14837	0197	00048	3333
0075	0869	32236	323 B	2503	14832	0276	00098	2954
0101	0853	32408	308 B	2518	14832	0349	00162	2806
0126	0835	3260 D	298 B	2536	14832	0417	00241	2643
0151	0821	32765	295 B	2551	14833	0482	00332	2504

C-REF-NO 009	YR 1968	DEPTH 274	WAVES 1	XX	AIR T	VIS
CONS. NO 016	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 061
LAT 48-292N	DAY 01	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-092W	HR 22.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
225	0000	1050 B	29973		2298	14858
225	0005	1020	30085		2311	14849
225	0009	1023	30163		2317	14852
225	0019	1010	30271		2327	14850
225	0028	1007	30363		2335	14852
225	0047	0969	30911		2384	14848
225	0071	0943 B	31217		2412	14846
225	0094	0917	31500		2438	14844
225	0141	0870	32176		2498	14842
225	0188	0862	32238		2504	14848
225	0235	0804	32885		2563	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1050 B	29973		2298	14858	0000	00000	4896
0010	1022	30177		2318	14852	0048	00002	4703
0020	1010	30279		2328	14850	0095	00010	4609
0030	1004	3041 D		2340	14852	0141	00021	4499
0050	0965	3096 C		2388	14848	0226	00056	4039
0075	0938 B	31265		2416	14846	0325	00118	3777
0100	0910	3158 I		2446	14843	0416	00200	3500
0126	0883	3194 I		2478	14842	0500	00296	3197
0151	0869	3218 I		2499	14843	0578	00406	3001
0176	0865 B	3222 I		2502	14846	0653	00531	2975
0201	0851	3236 D		2516	14847	0726	00671	2849
0226	0819	3271 D		2548	14844	0794	00819	2549



C-REF-NO 009	YR 1968	DEPTH 305	WAVES 1	XX	AIR T	VIS
CONS. NO 017	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 060
LAT 48-339N	DAY 01	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-129W	HR 23.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
233	0000	1130 B	30304		2310	14891
233	0005	1010	30198		2322	14847
233	0010	1016	30244		2324	14851
233	0020	1000	30342		2335	14848
233	0030	1004	30335		2333	14851
233	0050	0993	30474		2346	14852
233	0075	0978	30642		2361	14852
233	0100	0965	30924		2385	14855
233	0150	0917	31624		2447	14854
233	0200	0868	32212		2501	14852
233	0250	0861	32322		2511	14859
233	0290	0851	32446		2522	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1130 B	30304		2310	14891	0000	00000	4781
0010	1016	30244		2324	14851	0047	00002	4643
0020	1000	30342		2335	14848	0093	00009	4547
0030	1004	30335		2333	14851	0139	00021	4560
0050	0993	30474		2346	14852	0230	00058	4443
0075	0978	30642		2361	14852	0339	00128	4299
0100	0965	30924		2385	14855	0444	00222	4074
0126	0943	3127 D		2416	14855	0543	00335	3789
0151	0917	31624		2447	14854	0635	00463	3491
0176	0890	3191 I		2475	14852	0719	00604	3236
0201	0868	32212		2501	14852	0798	00754	2990
0226	0862	3226 I		2506	14854	0872	00916	2945
0251	0861	32322		2511	14859	0946	01095	2907

C-REF-NO 009	YR 1968	DEPTH 219	WAVES 1	XX	AIR T	VIS
CONS. NO 018	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 059
LAT 48-377N	DAY 02	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-146W	HR 00.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
001	0000	1190 B	28978	520 B	2197	14896
001	0005	1060	29215	488 B	2237	14853
001	0010	1063	29272	473 B	2241	14856
001	0020	1033	29639	448 B	2275	14851
001	0030	1022	29829	435 B	2291	14851
001	0050	1004	30172	412 B	2321	14852
001	0075	0980 B	30574	400 B	2356	14852
001	0100	0973	30716	393 B	2368	14855
001	0150	0920 B	31561	355 B	2442	14855
001	0200	0867	32273	317 B	2506	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1190 B	28978	520 B	2197	14896	0000	00000	5864
0010	1063	29272	473 B	2241	14856	0057	00003	5438
0020	1033	29639	448 B	2275	14851	0110	00011	5119
0030	1022	29829	435 B	2291	14851	0160	00024	4964
0050	1004	30172	412 B	2321	14852	0257	00063	4684
0075	0980 B	30574	400 B	2356	14852	0370	00135	4353
0100	0973	30716	393 B	2368	14855	0478	00231	4241
0126	0950 B	3113 I	376 B	2405	14856	0581	00349	3896
0151	0920 B	31561	355 B	2442	14855	0674	00480	3542
0176	0894	3192 C	336 B	2474	14854	0759	00621	3239
0201	0867	32273	317 B	2506	14852	0837	00770	2943

C-REF-NO 009	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 019	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 058
LAT 48-429N	DAY 02	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-140W	HR 01.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
010	0000	1250 B	28447		2145	14910
010	0005	1092 B	28565		2182	14856
010	0010	1085	28566		2183	14855
010	0020	1069				
010	0030	1026	29738		2283	14853
010	0050	0987	30423		2343	14850
010	0075	0944 B	31071		2400	14847
010	0100	0917				
010	0150	0898 B	31850		2468	14854
010	0200	0869				
010	0250	0864				
010	0300	0864				

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1250 B	28447		2145	14910	0000	00000	6360
0010	1085	28566		2183	14855	0062	00003	5996
0020	1069	2915 I		2231	14858	0120	00012	5537
0030	1026	29738		2283	14851	0173	00025	5037
0050	0987	30423		2343	14849	0268	00064	4471
0075	0944 B	31071		2400	14845	0374	00130	3930
0100	0917	31528		2440	14845	0468	00214	3553
0126	0905 B	31788		2462	14848	0554	00313	3347
0151	0898 B	31850		2468	14850	0638	00431	3295

C-REF-NO 009	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 020	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 057
LAT 48-440N	DAY 02	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-081W	HR 01.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
018	0000	1160 B	27038		2052	14861
018	0005	1123	27659		2106	14856
018	0010	1105	28328		2161	14859
018	0020	1069	28721		2197	14852
018	0030	1066	28834		2207	14854
018	0050	1050	29379		2252	14859
018	0075	0925 C	31414		2430	14842
018	0100	0887	31940		2477	14839
018	0150	0875	32173		2497	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1160 B	27038		2052	14861	0000	00000	7250
0010	1105	28328		2161	14859	0067	00003	6206
0020	1069	28721		2197	14852	0128	00012	5858
0030	1066	28834		2207	14854	0186	00027	5770
0050	1050	29379		2252	14859	0298	00072	5344
0075	0925 C	31414		2430	14842	0410	00142	3647
0100	0887	31940		2477	14839	0497	00218	3203
0126	0866 B	3205 I		2489	14837	0576	00309	3091
0151	0875	32173		2497	14846	0653	00417	3022



C-REF-NO 009	YR 1968	DEPTH 216	WAVES 1	XX	AIR T	VIS
CONS. NO 021	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 056
LAT 48-463N	DAY 02	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-014W	HR 02.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
026	0000	1130 B	27476	578 B	2091	14856
026	0005	1082	28356	516	2167	14850
026	0010	1081	28500	492 B	2178	14852
026	0020	1009	29767	417 B	2288	14844
026	0030	0995	30089	404 B	2316	14844
026	0050	0972	30530	384 B	2354	14845
026	0075	0960	30739	383 B	2372	14847
026	0100	0946	30960	371 B	2391	14849
026	0150	0893	31861	335 B	2470	14848
026	0200	0877	32103	326 B	2491	14854

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1130 B	27476	578 B	2091	14856	0000	00000	6877
0010	1081	28500	492 B	2178	14852	0065	00003	6039
0020	1009	29767	417 B	2288	14844	0120	00011	4987
0030	0995	30089	404 B	2316	14844	0169	00024	4728
0050	0972	30530	384 B	2354	14845	0260	00061	4369
0075	0960	30739	383 B	2372	14847	0368	00129	4201
0100	0946	30960	371 B	2391	14849	0471	00221	4018
0126	0919 B	3141 I	352 B	2430	14848	0567	00332	3648
0151	0893	31861	335 B	2470	14848	0654	00454	3279
0176	0881	3204 D	328 B	2486	14850	0735	00587	3126
0201	0877	32103	326 B	2491	14854	0813	00737	3084

C-REF-NO 009	YR 1968	DEPTH 119	WAVES 1	XX	AIR T	VIS
CONS. NO 022	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 055
LAT 48-455N	DAY 02	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-586W	HR 03.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
033	0000	1230 B	25837		1947	14871
033	0005	1211	26193		1978	14869
033	0010	1189	26815		2030	14870
033	0020	1175	26990		2046	14869
033	0030	1167	27058		2052	14869
033	0050	1090	28038		2141	14856
033	0075	0985 B	30320		2335	14851
033	0100	0945	30874		2385	14847

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1230 B	25837		1947	14871	0000	00000	8258
0010	1189	26815		2030	14870	0079	00004	7464
0020	1175	26990		2046	14869	0153	00015	7313
0030	1167	27058		2052	14869	0226	00034	7251
0050	1090	28038		2141	14856	0362	00089	6402
0075	0985 B	30320		2335	14851	0500	00173	4549
0100	0945	30874		2385	14847	0608	00269	4081

C-REF-NO 009	YR 1968	DEPTH 80	WAVES 1	XX	AIR T	VIS
CONS. NO 023	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 054
LAT 48-266N	DAY 02	NO.DPTH. 7	WND-DIR		WW-CODE	
LON 122-442W	HR 05.3	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
053	0000	1060 B	29567	488 B	2265	14857
053	0005	1042	29657	460 B	2274	14852
053	0010	1040	29755	441 B	2282	14853
053	0020	1025	29917	431 B	2297	14851
053	0030	1012	30206	423 B	2322	14852
053	0050	0998	30437	412 B	2342	14853
053	0075	0945 B	31189	368 B	2409	14847

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1060 B	29567	488 B	2265	14857	0000	00000	5213
0010	1040	29755	441 B	2282	14853	0051	00003	5044
0020	1025	29917	431 B	2297	14851	0101	00010	4901
0030	1012	30206	423 B	2322	14852	0149	00022	4668
0050	0998	30437	412 B	2342	14853	0241	00060	4477
0075	0945 B	31189	368 B	2409	14847	0346	00126	3843

C-REF-NO 009	YR 1968	DEPTH 64	WAVES 1	XX	AIR T	VIS
CONS. NO 024	MONTH 10	MXSAMPD 00	WAVES 2	XX	WET B	STN 053
LAT 48-332N	DAY 02	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-450W	HR 06.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
061	0000	1100 B	28341		2163	14856
061	0005	1082	28536		2181	14852
061	0010	1039	29510		2264	14850
061	0020	1020	29890		2296	14849
061	0030	1012	30110		2315	14851
061	0050	1002	30281		2329	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1100 B	28341		2163	14856	0000	00000	6186
0010	1039	29510		2264	14850	0057	00003	5223
0020	1020	29890		2296	14849	0108	00010	4912
0030	1012	30110		2315	14851	0156	00023	4740
0050	1002	30281		2329	14852	0250	00061	4599



C-REF-NO 009	YR 1968	DEPTH 91	WAVES 1	XX	AIR T	VIS
CONS. NO 025	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 052
LAT 48-389N	DAY 02	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-433W	HR 06.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
067	0000	1140 B	26749	625 B	2033	14850
067	0005	1090	28271	525 B	2159	14852
067	0010	1073	28787	486 B	2202	14853
067	0020	1060	29041	476 B	2224	14853
067	0030	1049	29299	456 B	2246	14854
067	0050	1019	29800	421 B	2289	14853
067	0075	1007 B	29982	404 B	2305	14855

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1140 B	26749	625 B	2033	14850	0000	00000	7432
0010	1073	28787	486 B	2202	14853	0066	00003	5814
0020	1060	29041	476 B	2224	14853	0124	00012	5606
0030	1049	29299	456 B	2246	14854	0179	00026	5399
0050	1019	29800	421 B	2289	14853	0283	00068	4983
0075	1007 B	29982	404 B	2305	14855	0406	00146	4833

C-REF-NO 009	YR 1968	DEPTH 166	WAVES 1	XX	AIR T	VIS
CONS. NO 026	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 051
LAT 48-467N	DAY 02	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-519W	HR 07.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
078	0000	1100 B	23188	707 B	1764	14792
078	0005	1206	25160	671 B	1899	14855
078	0010	1192	26137	630 B	1977	14863
078	0020	1180	26719	607	2024	14867
078	0030	1112	27968	530 B	2132	14860
078	0050	1072	28681	484 B	2194	14858
078	0075	0978	30368	390 B	2340	14849
078	0100	0959	30690	374 B	2368	14850
078	0150	0948	30978	372 B	2392	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1100 B	23188	707 B	1764	14792	0000	00000	10022
0010	1192	26137	630 B	1977	14863	0090	00004	7973
0020	1180	26719	607	2024	14867	0167	00016	7522
0030	1112	27968	530 B	2132	14860	0238	00033	6485
0050	1072	28681	484 B	2194	14858	0362	00083	5896
0075	0978	30368	390 B	2340	14849	0492	00164	4502
0100	0959	30690	374 B	2368	14850	0602	00262	4238
0125	0945 B	3083 I	364 B	2382	14851	0707	00383	4114
0151	0948	30978	372 B	2392	14858	0809	00526	4016

C-REF-NO 009	YR 1968	DEPTH 26	WAVES 1	XX	AIR T	VIS
CONS. NO 027	MONTH 10	MXSAMPD 00	WAVES 2	XX	WET B	STN 050
LAT 48-577N	DAY 02	NO.DPTH 4	WND-DIR		WW-CODE	
LON 122-561W	HR 08.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
089	0000	1120 B	28123		2143	14860
089	0005	1111	28150		2146	14858
089	0010	1119	28246		2152	14863
089	0020	1082	28807		2202	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1120 B	28123		2143	14860	0000	00000	6381
0010	1119	28246		2152	14863	0063	00003	6289
0020	1082	28807		2202	14858	0124	00012	5814

C-REF-NO 009	YR 1968	DEPTH 143	WAVES 1	XX	AIR T	VIS
CONS. NO 028	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 049
LAT 48-547N	DAY 02	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-597W	HR 09.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
095	0000	1100 B	23953	631	1823	14801
095	0005	1091	27820	499 B	2124	14847
095	0010	1088	28229	489 B	2156	14852
095	0020	1058	29145	452 B	2232	14854
095	0030	1047	29319	445 B	2247	14854
095	0050	1028	29575	413 B	2270	14853
095	0075	1008 B	29940	390 B	2302	14854
095	0100	0984	30313	374 B	2335	14854

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1100 B	23953	631	1823	14801	0000	00000	9450
0010	1088	28229	489 B	2156	14852	0079	00003	6251
0020	1058	29145	452 B	2232	14854	0138	00012	5526
0030	1047	29319	445 B	2247	14854	0192	00026	5380
0050	1028	29575	413 B	2270	14853	0298	00069	5164
0075	1008 B	29940	390 B	2302	14854	0424	00149	4866
0100	0984	30313	374 B	2335	14854	0542	00254	4557



C-REF-NO 009	YR 1968	DEPTH 232	WAVES 1	XX	AIR T	VIS
CONS. NO 029	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 048
LAT 48-518N	DAY 02	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-033W	HR 10.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
101	0000	1200 B	23943		1806	14837
101	0005	1212	26417		1995	14873
101	0010	1211	26609		2010	14875
101	0020	1102	28221		2153	14858
101	0030	1072	28737		2198	14855
101	0050	1030	29517		2266	14853
101	0075	1009 B	29897		2298	14854
101	0100	0975	30412		2344	14852
101	0150	0958	30765		2374	14859
101	0200	0928	31285		2419	14862

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1200 B	23943		1806	14837	0000	00000	9615
0010	1211	26609		2010	14875	0086	00004	7654
0020	1102	28221		2153	14858	0156	00014	6280
0030	1072	28737		2198	14855	0217	00030	5852
0050	1030	29517		2266	14853	0328	00074	5210
0075	1009 B	29897		2298	14854	0455	00155	4899
0100	0975	30412		2344	14852	0572	00259	4469
0125	0963 B	3058 I		2360	14854	0683	00386	4324
0151	0958	30765		2374	14859	0790	00536	4190
0176	0944	3101 C		2396	14861	0892	00707	3984
0201	0928	31285		2419	14862	0990	00893	3766

C-REF-NO 009	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 030	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 047
LAT 48-493N	DAY 02	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-064W	HR 10.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
106	0000	1240 B	25382		1910	14869
106	0005	1249	25304		1903	14872
106	0010	1224	26302		1984	14876
106	0020	1196	27099		2050	14878
106	0030	1093	28341		2164	14858
106	0050	1037	29292		2247	14853
106	0075	0994 B	30078		2315	14851
106	0100	0973	30446		2347	14852
106	0150	0946	30963		2391	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1240 B	25382		1910	14869	0000	00000	8612
0010	1224	26302		1984	14876	0083	00004	7903
0020	1196	27099		2050	14878	0158	00015	7266
0030	1093	28341		2164	14858	0226	00032	6179
0050	1037	29292		2247	14853	0342	00079	5388
0075	0994 B	30078		2315	14851	0469	00159	4742
0100	0973	30446		2347	14852	0584	00262	4441
0125	0956	3070 I		2370	14853	0693	00386	4227
0151	0946	30963		2391	14857	0797	00532	4025

C-REF-NO 009	YR 1968	DEPTH 174	WAVES 1	XX	AIR T	VIS
CONS. NO 031	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 046
LAT 48-513N	DAY 02	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-107W	HR 11.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
112	0000	1190 B	25824	660 B	1953	14857
112	0005	1263	26035	651 B	1957	14886
112	0010	1253	26228	629 B	1973	14885
112	0020	1216	26745	608 B	2020	14880
112	0030	1093	28298	473 B	2161	14857
112	0050	1042	29249	427 B	2243	14854
112	0075	0986 B	30235	382 B	2328	14850
112	0100	0975	30400	378 B	2343	14852
112	0150	0951 B	30901	358 B	2386	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1190 B	25824	660 B	1953	14857	0000	00000	8201
0010	1253	26228	629 B	1973	14885	0081	00004	8008
0020	1216	26745	608 B	2020	14880	0159	00016	7562
0030	1093	28298	473 B	2161	14857	0228	00033	6211
0050	1042	29249	427 B	2243	14854	0345	00080	5428
0075	0986 B	30235	382 B	2328	14850	0471	00159	4614
0100	0975	30400	378 B	2343	14852	0585	00261	4478
0125	0960 B	3065 I	367 B	2365	14854	0695	00387	4275
0151	0951 B	30901	358 B	2386	14858	0800	00534	4078

C-REF-NO 009	YR 1968	DEPTH : 124	WAVES 1	XX	AIR T	VIS
CONS. NO 032	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 045
LAT 48-539N	DAY 02	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-084W	HR 11.9	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
119	0000	1210 B	22612	627 B	1702	14824
119	0005	1214	25585	728	1930	14863
119	0010	1148	27286	570 B	2073	14861
119	0020	1055	28341	432 B	2170	14843
119	0030	1048	29068	432 B	2228	14851
119	0050	1027	29558	424 B	2269	14853
119	0075	0992	30118	390 B	2318	14851
119	0100	0979	30314	359 B	2336	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1210 B	22612	627 B	1702	14824	0000	00000	10622
0010	1148	27286	570 B	2073	14861	0088	00004	7047
0020	1055	28341	432 B	2170	14843	0154	00013	6118
0030	1048	29068	432 B	2228	14851	0213	00028	5568
0050	1027	29558	424 B	2269	14853	0321	00072	5175
0075	0992	30118	390 B	2318	14851	0445	00150	4709
0100	0979	30314	359 B	2336	14853	0561	00254	4548



C-REF-NO 009	YR 1968	DEPTH 119	WAVES 1	XX	AIR T	VIS
CONS. NO 033	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 044
LAT 48-569N	DAY 02	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-058W	HR 12.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
125	0000	1080 B	25915	569 B	1978	14818
125	0005	1101	27885	492 B	2127	14851
125	0010	1071	28551	441 B	2184	14849
125	0020	1044	29103	431 B	2231	14848
125	0030	1038	29451	419 B	2259	14852
125	0050	1021	29748	406 B	2285	14853
125	0075	1014 B	29813	400 B	2291	14855
125	0100	0999	30078	388 B	2314	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1080 B	25915	569 B	1978	14818	0000	00000	7959
0010	1071	28551	441 B	2184	14849	0070	00003	5986
0020	1044	29103	431 B	2231	14848	0128	00012	5535
0030	1038	29451	419 B	2259	14852	0182	00026	5269
0050	1021	29748	406 B	2285	14853	0285	00068	5025
0075	1014 B	29813	400 B	2291	14855	0410	00148	4970
0100	0999	30078	388 B	2314	14857	0532	00256	4755

C-REF-NO 009	YR 1968	DEPTH 243	WAVES 1	XX	AIR T	VIS
CONS. NO 034	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 043
LAT 49-033N	DAY 02	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-223W	HR 13.8	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
138	0000	1130 B	07296		0531	14611
138	0005	1183	26321		1993	14861
138	0010	1167	26987		2047	14864
138	0020	1075	28557		2184	14853
138	0030	1034	29342		2251	14849
138	0050	1011	29885		2297	14851
138	0075	0997 B	30123		2318	14853
138	0100	0979	30307		2335	14852
138	0150	0920	30725		2377	14844
138	0200	0901	30883		2392	14847
138	0220	0901	30941		2397	14851

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1130 B	07296		0531	14611	0000	00000	22076
0010	1167	26987		2047	14864	0146	00004	7300
0020	1075	28557		2184	14853	0213	00013	5988
0030	1034	29342		2251	14849	0269	00028	5343
0050	1011	29885		2297	14851	0372	00069	4908
0075	0997 B	30123		2318	14853	0493	00146	4714
0100	0979	30307		2335	14852	0609	00250	4553
0125	0949 B	3051 I		2356	14848	0721	00378	4356
0150	0920	30725		2377	14844	0828	00528	4162
0176	0906	3082 C		2387	14844	0932	00700	4073
0201	0901	30883		2392	14847	1033	00895	4024

C-REF-NO 009	YR 1968	DEPTH 315	WAVES 1	XX	AIR T	VIS
CONS. NO 035	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 042
LAT 49-018N	DAY 02	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-262W	HR 14.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
145	0000	1330 B	25389	671 B	1895	14900
145	0005	1265	25471	675 B	1913	14880
145	0010	1273	26109	661 B	1960	14891
145	0020	1180	27315	593 B	2070	14875
145	0030	1061	28756	442 B	2201	14852
145	0050	0990	29233	380 B	2250	14835
145	0075	0984	30092	372 B	2318	14847
145	0100	0961	30429	363 B	2348	14847
145	0150	0917	30749	338 B	2379	14843
145	0200	0907	30955	317 B	2397	14850
145	0250	0901	31029	317 B	2404	14857
145	0300	0903	31101	312 B	2409	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1330 B	25389	671 B	1895	14900	0000	00000	8763
0010	1273	26109	661 B	1960	14891	0084	00004	8130
0020	1180	27315	593 B	2070	14875	0161	00016	7080
0030	1061	28756	442 B	2201	14852	0225	00032	5820
0050	0990	29233	380 B	2250	14835	0337	00077	5360
0075	0984	30092	372 B	2318	14847	0464	00157	4717
0100	0961	30429	363 B	2348	14847	0579	00259	4435
0125	0937	3058 I	351 B	2364	14844	0688	00385	4284
0151	0917	30749	338 B	2379	14843	0794	00533	4140
0176	0910	30867	326 B	2390	14846	0897	00704	4045
0201	0907	30955	317 B	2397	14850	0998	00897	3979
0226	0903	3100 B	316 B	2401	14853	1097	01114	3945
0251	0901	31029	317 B	2404	14857	1196	01354	3923
0301	0903	31101	312 B	2409	14867	1392	01906	3880



C-REF-NO 009	YR 1968	DEPTH 201	WAVES 1	XX	AIR T	VIS
CONS. NO 036	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 041
LAT 49-003N	DAY 02	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-299W	HR 15.4	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
154	0000	1260 B	25536		1919	14878
154	0005	1278	25512		1914	14885
154	0010	1259	25421		1910	14878
154	0020	1131	27873		2121	14864
154	0030	1099	28414		2169	14861
154	0050	1008	29253		2249	14842
154	0075	0977	30056		2316	14844
154	0100	0944	30443		2351	14841
154	0150	0900	30803		2386	14837
154	0175	0898	30868		2391	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1260 B	25536		1919	14878	0000	00000	8532
0010	1259	25421		1910	14878	0086	00004	8616
0020	1131	27873		2121	14864	0162	00016	6586
0030	1099	28414		2169	14861	0226	00032	6135
0050	1008	29253		2249	14842	0341	00078	5373
0075	0977	30056		2316	14844	0468	00158	4732
0100	0944	30443		2351	14841	0582	00260	4400
0125	0917	3067 D		2374	14838	0690	00384	4189
0151	0900	30803		2386	14837	0794	00529	4074
0176	0898	30868		2391	14842	0896	00699	4027



C-REF-NO 009	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 037	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 040
LAT 49-086N	DAY 02	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-369W	HR 18.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
183	0000	1250 B	25320		1904	14872
183	0005	1263	25529		1918	14880
183	0010	1241	26724		2014	14887
183	0020	1230	25979		1958	14876
183	0030	1076	28459		2176	14853
183	0050	0962	29382		2266	14826
183	0075	0930 B	29896		2311	14825
183	0100	0919	30342		2347	14830
183	0135	0919	30584		2366	14839

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1250 B	25320		1904	14872	0000	00000	8675
0010	1241	26724		2014	14887	0081	00004	7620
0020	1230	25979		1958	14876	0160	00016	8154
0030	1076	28459		2176	14853	0232	00034	6065
0050	0962	29382		2266	14826	0345	00079	5206
0075	0930 B	29896		2311	14825	0470	00158	4781
0100	0919	30342		2347	14830	0586	00261	4437
0125	0917	30556		2364	14836	0695	00387	4279

C-REF-NO 009	YR 1968	DEPTH 375	WAVES 1	XX	AIR T	VIS
CONS. NO 038	MONTH 10	MXSAMPD 04	WAVES 2	XX	WET B	STN 039
LAT 49-098N	DAY 02	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-330W	HR 18.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
189	0000	1260 B	25689	671 B	1930	14880
189	0005	1266	26333	660 B	1979	14890
189	0010	1258	26640	638 B	2004	14892
189	0020	1205	27285	577 B	2063	14883
189	0030	1028	28936	399	2221	14842
189	0050	0962	29382	369 B	2266	14826
189	0075	0931 B	29875	346 B	2309	14825
189	0100	0930	30319	339 B	2344	14834
189	0150	0910	30731	327 B	2379	14840
189	0200	0901	30892	326 B	2393	14847
189	0250	0884	30967	327 B	2401	14850
189	0300	0903	31104	321 B	2409	14867
189	0360	0900	31205	302 B	2417	14877

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1260 B	25689	671 B	1930	14880	0000	00000	8419
0010	1258	26640	638 B	2004	14892	0081	00004	7711
0020	1205	27285	577 B	2063	14883	0155	00015	7145
0030	1028	28936	399	2221	14842	0219	00031	5635
0050	0962	29382	369 B	2266	14826	0328	00075	5207
0075	0931 B	29875	346 B	2309	14825	0453	00155	4798
0100	0930	30319	339 B	2344	14834	0570	00258	4469
0125	0921	3052 I	332 B	2361	14838	0680	00385	4307
0151	0910	30731	327 B	2379	14840	0786	00534	4142
0176	0905	3083 B	326 B	2388	14844	0889	00705	4064
0201	0901	30892	326 B	2393	14847	0991	00900	4017
0226	0891	3093 B	327 B	2397	14848	1091	01118	3977
0251	0884	30967	327 B	2401	14850	1191	01360	3943
0301	0903	31104	321 B	2409	14867	1387	01913	3877

C-REF-NO 009	YR 1968	DEPTH 302	WAVES 1	XX	AIR T	VIS
CONS. NO 039	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 038
LAT 49-119N	DAY 02	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-262W	HR 19.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
198	0000	1480 B	26548		1955	14965
198	0005	1248	26616		2004	14888
198	0010	1195	27100		2051	14876
198	0020	1076	28643		2190	14854
198	0030	1029	28982		2224	14843
198	0050	0959	29391		2267	14825
198	0075	0936	29806		2303	14826
198	0100	0933	30202		2334	14834
198	0175	0908	30717		2378	14843
198	0200		30893			
198	0250	0908	31002		2400	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1480 B	26548		1955	14965	0000	00000	8186
0010	1195	27100		2051	14876	0077	00004	7264
0020	1076	28643		2190	14854	0143	00013	5926
0030	1029	28982		2224	14843	0201	00028	5602
0050	0959	29391		2267	14825	0309	00072	5195
0075	0936	29806		2303	14826	0436	00152	4857
0100	0933	30202		2334	14834	0554	00257	4561
0125	0925	3037 I		2349	14837	0667	00387	4425
0151	0916	3054 I		2363	14840	0776	00541	4288
0176	0908	30717		2378	14843	0882	00717	4153
0201	0906	30893		2392	14849	0985	00914	4023
0226	0906	3097 B		2399	14854	1085	01132	3964
0251	0908	31002		2400	14859	1185	01374	3953



C-REF-NO 009	YR 1968	DEPTH 223	WAVES 1	XX	AIR T	VIS
CONS. NO 040	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 037
LAT 49-137N	DAY 02	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-207W	HR 20.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
205	0000	1490 B	25024		1836	14950
205	0005	1207	26352		1991	14870
205	0010	1126	28327		2157	14866
205	0020	1039	28919		2218	14844
205	0030	0966	29331		2261	14824
205	0050	0978	29665		2285	14836
205	0075	0992 B	30114		2318	14851
205	0100	0972	30335		2338	14850
205	0150	0935	30704		2373	14849
205	0200	0911	30945		2395	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1490 B	25024		1836	14950	0000	00000	9330
0010	1126	28327		2157	14866	0078	00003	6241
0020	1039	28919		2218	14844	0138	00012	5663
0030	0966	29331		2261	14824	0192	00026	5247
0050	0978	29665		2285	14836	0295	00068	5020
0075	0992 B	30114		2318	14851	0417	00145	4713
0100	0972	30335		2338	14850	0533	00249	4522
0125	0952	30534		2357	14850	0645	00377	4349
0151	0935	30704		2373	14849	0752	00528	4200
0176	0921	30840		2386	14850	0856	00700	4082
0201	0911	30945		2395	14852	0958	00895	3992



C-REF-NO 009	YR 1968	DEPTH 124	WAVES 1	XX	AIR T	VIS
CONS. NO 041	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 036
LAT 49-190N	DAY 02	NO.DPTH 8	WND-DIR		NW-CODE	
LON 123-199W	HR 21.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
212	0000	1240 B	23244	822 B	1746	14843
212	0005	1148	25648	647 B	1947	14840
212	0010	1099	27637	504 B	2109	14848
212	0020	1006	28026	397 B	2154	14821
212	0030	0962	29369	369 B	2265	14823
212	0050	0930	29668	359 B	2293	14818
212	0075	0991 B	30027	374	2311	14849
212	0100	0972	30317	354 B	2337	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1240 B	23244	822 B	1746	14843	0000	00000	10200
0010	1099	27637	504 B	2109	14848	0085	00003	6708
0020	1006	28026	397 B	2154	14821	0150	00013	6277
0030	0962	29369	369 B	2265	14823	0207	00028	5214
0050	0930	29668	359 B	2293	14818	0309	00069	4946
0075	0991 B	30027	374	2311	14849	0431	00147	4776
0100	0972	30317	354 B	2337	14850	0548	00251	4535

C-REF-NO 009	YR 1968	DEPTH 245	WAVES 1	XX	AIR T	VIS
CONS. NO 042	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 035
LAT 49-238N	DAY 02	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-175W	HR 22.1	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
221	0000	1350 B	20111	842 B	1486	14844
221	0005	1192	23904	780 B	1805	14835
221	0010	1138	27070	517 B	2058	14855
221	0020	0998	29083	387 B	2237	14831
221	0030	0973	29291	372 B	2257	14826
221	0050	0962	29578	359 B	2281	14829
221	0075	0958 B	30021	354 B	2316	14837
221	0100	0965	30231	348 B	2331	14846
221	0150	0888 B	30546	338 B	2368	14830
221	0200	0914	30879	322 B	2390	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1350 B	20111	842 B	1486	14844	0000	00000	12718
0010	1138	27070	517 B	2058	14855	0099	00004	7191
0020	0998	29083	387 B	2237	14831	0163	00013	5479
0030	0973	29291	372 B	2257	14826	0217	00027	5288
0050	0962	29578	359 B	2281	14829	0321	00069	5061
0075	0958 B	30021	354 B	2316	14837	0444	00147	4730
0100	0965	30231	348 B	2331	14846	0561	00251	4588
0125	0926 I	3039 B	343 B	2350	14838	0674	00381	4412
0151	0888 B	30546	338 B	2368	14830	0782	00534	4247
0176	0891 B	30712	331 B	2380	14837	0888	00708	4132
0201	0914	30879	322 B	2390	14852	0990	00905	4046

C-REF-NO 009	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 043	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 034
LAT 49-305N	DAY 02	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-194W	HR 23.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
230	0000	1340 B	17174		1262	14805
230	0005	1211	23469		1768	14836
230	0010	1085	27338		2088	14839
230	0020	1000	28932		2225	14830
230	0030	0970 B	29410		2267	14826
230	0050	0954	29752		2296	14828
230	0075	0914	29953		2318	14820
230	0100	0901	30113		2332	14821
230	0150	0867 B	30534		2370	14821
230	0200	0888	30873		2393	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-C	POT.EN	SVA
0000	1340 B	17174		1262	14805	0000	00000	14895
0010	1085	27338		2088	14839	0109	00004	6909
0020	1000	28932		2225	14830	0171	00013	5594
0030	0970 B	29410		2267	14826	0226	00026	5195
0050	0954	29752		2296	14828	0327	00068	4919
0075	0914	29953		2318	14820	0448	00144	4714
0100	0901	30113		2332	14821	0565	00249	4581
0125	0881 B	3032 C		2351	14820	0677	00378	4402
0151	0867 B	30534		2370	14821	0786	00530	4226
0176	0871	30711		2383	14829	0890	00704	4103
0201	0888	30873		2393	14842	0992	00900	4011

C-REF-NO 009	YR 1968	DEPTH 174	WAVES 1 XX	AIR T	VIS
CONS. NO 044	MONTH 10	MXSAMPD 01	WAVES 2 XX	WET B	STN 033
LAT 49-325N	DAY 02	NO.DPTH 9	WND-DIR	WW-CODE	
LON 123-163W	HR 23.7	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
237	0000	1290 B	18240	796 B	1352	14800
237	0005	1165	25026	506 B	1896	14839
237	0010	1055	28042	388 B	2147	14837
237	0020	0986	29056	369 B	2237	14826
237	0030	0970	29315	360 B	2259	14825
237	0050	0956	29746	364 B	2295	14829
237	0075	0907 B	29923	364 B	2316	14817
237	0100	0922	30150	354 B	2332	14829
237	0150	0889	30557	343 B	2369	14830

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1290 B	18240	796 B	1352	14800	0000	00000	14015
0010	1055	28042	388 B	2147	14837	0102	00003	6339
0020	0986	29056	369 B	2237	14826	0161	00012	5480
0030	0970	29315	360 B	2259	14825	0215	00026	5266
0050	0956	29746	364 B	2295	14829	0317	00067	4927
0075	0907 B	29923	364 B	2316	14817	0438	00144	4727
0100	0922	30150	354 B	2332	14829	0555	00249	4584
0125	0911 B	30357	348 B	2350	14832	0668	00378	4416
0151	0889	30557	343 B	2369	14830	0777	00531	4240



C-REF-NO 009	YR 1968	DEPTH 234	WAVES 1	XX	AIR T	VIS
CONS. NO 045	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 032
LAT 49-387N	DAY 03	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-143W	HR 00.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000	1170 B	22112	548	1670	14804
006	0005	1077	27388	408 B	2093	14836
006	0010	1063	27827	380 B	2129	14837
006	0020	0945	28796	380 B	2223	14808
006	0030	0917	29240	383 B	2262	14804
006	0050	0877	29631	385 B	2298	14797
006	0075	0856	29991	336 B	2329	14798
006	0100	0859	30148	309 B	2341	14805
006	0150	0870 B	30274	109 B	2349	14819
006	0200	0869	30294	078 B	2351	14827

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1170 B	22112	548	1670	14804	0000	00000	10931
0010	1063	27827	380 B	2129	14837	0087	00003	6510
0020	0945	28796	380 B	2223	14808	0148	00012	5614
0030	0917	29240	383 B	2262	14804	0202	00026	5244
0050	0877	29631	385 B	2298	14797	0304	00067	4898
0075	0856	29991	336 B	2329	14798	0423	00143	4605
0100	0859	30148	309 B	2341	14805	0538	00245	4495
0125	0865	3023 B	209 I	2347	14813	0650	00374	4443
0151	0870 B	30274	109 B	2349	14819	0761	00531	4424
0176	0871	30299	077 B	2351	14824	0872	00715	4409
0201	0869	30294	078 B	2351	14827	0983	00928	4414

C-REF-NO 009	YR 1968	DEPTH 229	WAVES 1	XX	AIR T	VIS
CONS. NO 046	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 031
LAT 49-314N	DAY 03	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-271W	HR 01.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
018	0000	1300 B	20712	712 B	1541	14833
018	0005	1158	25174	535 B	1908	14838
018	0010	1085	27596	400 B	2108	14843
018	0020	0991	28762	373 B	2213	14824
018	0030	0932	29199	385 B	2256	14809
018	0050	0924	29696	374 B	2296	14816
018	0075	0903	29932	366 B	2318	14815
018	0100	0882	30113	366 B	2335	14814
018	0150	0853	30482	333 B	2368	14815
018	0200	0876	30827	282 B	2392	14837

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1300 B	20712	712 B	1541	14833	0000	00000	12186
0010	1085	27596	400 B	2108	14843	0094	00003	6716
0020	0991	28762	373 B	2213	14824	0157	00013	5708
0030	0932	29199	385 B	2256	14809	0212	00027	5296
0050	0924	29696	374 B	2296	14816	0314	00068	4917
0075	0903	29932	366 B	2318	14815	0435	00145	4715
0100	0882	30113	366 B	2335	14814	0552	00249	4553
0125	0863	30298	353 B	2352	14813	0664	00378	4391
0151	0853	30482	333 B	2368	14815	0772	00530	4244
0176	0858	30657	310 B	2381	14824	0877	00705	4125
0201	0876	30827	282 B	2392	14837	0980	00901	4028

C-REF-NO 009	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 047	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 030
LAT 49-253N	DAY 03	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-222W	HR 02.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
029	0000	1240 B	18854		1408	14790
029	0005	1170	24276		1837	14831
029	0010	1045	28264		2166	14836
029	0020	0978	29110		2242	14824
029	0030	0966	29337		2262	14824
029	0050	0958	29803		2299	14830
029	0075	0965	30073		2319	14840
029	0100	0946	30221		2334	14839
029	0150	0891	30484		2363	14830
029	0200	0879	30790		2388	14837
029	0235	0892	30877		2393	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1240 B	18854		1408	14790	0000	00000	13476
0010	1045	28264		2166	14836	0098	00003	6158
0020	0978	29110		2242	14824	0156	00012	5429
0030	0966	29337		2262	14824	0210	00025	5243
0050	0958	29803		2299	14830	0311	00067	4888
0075	0965	30073		2319	14840	0432	00143	4701
0100	0946	30221		2334	14839	0548	00247	4567
0125	0917 B	3035 B		2348	14834	0661	00377	4431
0151	0891	30484		2363	14830	0771	00531	4296
0176	0880	3064 D		2377	14832	0877	00707	4162
0201	0879	30790		2388	14837	0980	00905	4060
0226	0886	30860		2393	14845	1082	01126	4022

C-REF-NO 009	YR 1968	DEPTH 174	WAVES 1	XX	AIR T	VIS
CONS. NO 048	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 029
LAT 49-235N	DAY 03	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-253W	HR 03.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
035	0000	1250 B	21657	847 B	1622	14827
035	0005	1140	25822	614 B	1961	14840
035	0010	1075	27597	417 B	2109	14839
035	0020	0992	28909	369 B	2224	14827
035	0030	0921	29328	378	2268	14807
035	0050	0940	29728	359 B	2296	14822
035	0075	0920	29960	354 B	2317	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1250 B	21657	847 B	1622	14827	0000	00000	11398
0010	1075	27597	417 B	2109	14839	0090	00003	6700
0020	0992	28909	369 B	2224	14827	0152	00013	5600
0030	0921	29328	378	2268	14807	0206	00026	5184
0050	0940	29728	359 B	2296	14822	0308	00067	4916
0075	0920	29960	354 B	2317	14822	0428	00144	4719



C-REF-NO 009	YR 1968	DEPTH 333	WAVES 1 XX	AIR T	VIS
CONS. NO 049	MONTH 10	MXSAMPD 03	WAVES 2 XX	WET B	STN 079
LAT 49-174N	DAY 03	NO.DPTH 12	WND-DIR	WW-CODE	
LON 123-350W	HR 03.6	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
035	0000	1150 B	27345		2077	14861
035	0005	1155	27302		2073	14863
035	0010	1088	28078		2144	14850
035	0020	0991	29077		2238	14828
035	0030	0950	29378		2267	14818
035	0050	0926	29732		2299	14817
035	0075	0941	30203		2333	14833
035	0100	0933	30453		2354	14837
035	0150	0929 B	30720		2375	14847
035	0200	0907	30898		2392	14849
035	0250	0908	31060		2405	14860
035	0300	0907	31128		2410	14869

TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1150 B	27345		2077	14861	0000	00000	7007
0010	1088	28078		2144	14850	0067	00003	6364
0020	0991	29077		2238	14828	0126	00012	5472
0030	0950	29378		2267	14818	0180	00026	5190
0050	0926	29732		2299	14817	0281	00067	4393
0075	0941	30203		2333	14833	0400	00142	4569
0100	0933	30453		2354	14837	0512	00242	4376
0125	0931	3061 C		2366	14843	0620	00367	4253
0151	0929 B	30720		2375	14847	0726	00516	4178
0176	0918 B	30816		2384	14848	0830	00689	4094
0201	0907	30898		2392	14849	0932	00884	4021
0226	0906	30986		2399	14854	1033	01102	3959
0251	0908	31060		2405	14860	1131	01343	3910
0301	0907	31128		2410	14869	1327	01893	3866

C-REF-NO 009	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 050	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 028
LAT 49-241N	DAY 03	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-454W	HR 05.6	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
056	0000	1180 B	25734		1948	14852
056	0005	1115	27638		2106	14853
056	0010	1040	28598		2193	14839
056	0020	0971	29191		2250	14822
056	0030	0950	29458		2274	14819
056	0050	0932	29857		2307	14821
056	0075	0958 B	30204		2330	14839
056	0100	0955	30403		2346	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1180 B	25734		1948	14852	0000	00000	8251
0010	1040	28598		2193	14839	0071	00003	5903
0020	0971	29191		2250	14822	0127	00012	5358
0030	0950	29458		2274	14819	0180	00025	5130
0050	0932	29857		2307	14821	0280	00065	4809
0075	0958 B	30204		2330	14839	0398	00140	4593
0100	0955	30403		2346	14845	0511	00242	4446

C-REF-NO 009	YR 1968	DEPTH 375	WAVES 1	XX	AIR T	VIS
CONS. NO 051	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 027
LAT 49-190N	DAY 03	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-481W	HR 06.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
064	0000	1170 B	27414	764	2079	14869
064	0005	1117	27683	664 B	2109	14854
064	0010	1075	28246	499 B	2160	14847
064	0020	0987	29060	365 B	2237	14827
064	0030	0957	29300	361 B	2260	14820
064	0050	0920	29666	359 B	2294	14814
064	0075	0922	30229	343 B	2338	14826
064	0100	0930	30599	338 B	2366	14838
064	0150	0891 B	30748	328 B	2383	14833
064	0200	0886	30876	320 B	2394	14841
064	0250	0880	30948	321 B	2400	14848
064	0300	0894	31068	319 B	2408	14863
064	0350	0899	31214	305 B	2418	14875

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1170 B	27414	764	2079	14869	0000	00000	6988
0010	1075	28246	499 B	2160	14847	0066	00003	6218
0020	0987	29060	365 B	2237	14827	0125	00012	5479
0030	0957	29300	361 B	2260	14820	0179	00026	5258
0050	0920	29666	359 B	2294	14814	0281	00067	4934
0075	0922	30229	343 B	2338	14826	0400	00142	4521
0100	0930	30599	338 B	2366	14838	0510	00241	4263
0125	0913 C	3067 I	333 B	2374	14837	0616	00363	4185
0151	0891 B	30748	328 B	2383	14833	0720	00509	4102
0176	0886	30817	323 B	2389	14837	0822	00679	4048
0201	0886	30876	320 B	2394	14841	0924	00873	4006
0226	0882	3091 B	320 B	2397	14844	1024	01092	3978
0251	0880	30948	321 B	2400	14848	1124	01334	3952
0301	0894	31068	319 B	2408	14863	1321	01889	3892



C-REF-NO 009	YR 1968	DEPTH 265	WAVES 1	XX	AIR T	VIS
CONS. NO 052	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 026
LAT 49-143N	DAY 03	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-508W	HR 07.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
073	0000	1220 B	25983		1960	14869
073	0005	1251	27044		2036	14894
073	0010	1265	27177		2044	14901
073	0020	1206	27619		2089	14888
073	0030	1042	28646		2196	14843
073	0050	0932	29563		2285	14817
073	0075	0949 B	30125		2326	14835
073	0100	0947	30455		2352	14842
073	0150	0897	30709		2379	14835
073	0200	0885	30865		2393	14841
073	0250	0882	30946		2400	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1220 B	25983		1960	14869	0000	00000	8133
0010	1265	27177		2044	14901	0077	00004	7326
0020	1206	27619		2089	14888	0149	00015	6899
0030	1042	28646		2196	14843	0213	00031	5872
0050	0932	29563		2285	14817	0322	00074	5028
0075	0949 B	30125		2326	14835	0443	00151	4640
0100	0947	30455		2352	14842	0557	00252	4395
0125	0923 B	3058 I		2365	14839	0665	00377	4269
0151	0897	30709		2379	14835	0771	00526	4139
0176	0888	30798		2387	14837	0874	00697	4063
0201	0885	30865		2393	14841	0976	00891	4013
0226	0882	30915		2398	14844	1076	01110	3975
0251	0882	30946		2400	14849	1176	01352	3955



C-REF-NO 009	YR 1968	DEPTH 311	WAVES 1	XX	AIR T	VIS
CONS. NO 053	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 025
LAT 49-276N	DAY 03	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-074W	HR 09.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
090	0000	1180 B	27328		2071	14872
090	0005	1193	27714		2098	14882
090	0010	1195	27758		2101	14884
090	0020	1019	28891		2219	14836
090	0030	0966	29304		2259	14823
090	0050	0935	29777		2301	14821
090	0075	0957	30194		2330	14839
090	0100	0953	30391		2346	14844
090	0150	0907	30636		2372	14838
090	0200	0870	30746		2386	14833
090	0250	0870	30877		2396	14843
090	0300	0887	31089		2410	14861

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1180 B	27328		2071	14872	0000	00000	7069
0010	1195	27758		2101	14884	0069	00003	6776
0020	1019	28891		2219	14836	0132	00013	5653
0030	0966	29304		2259	14823	0186	00027	5267
0050	0935	29777		2301	14821	0288	00068	4873
0075	0957	30194		2330	14839	0407	00143	4599
0100	0953	30391		2346	14844	0521	00245	4451
0125	0933 B	30534		2360	14842	0631	00371	4318
0151	0907	30636		2372	14838	0738	00522	4209
0176	0886	3069 B		2380	14835	0843	00696	4134
0201	0870	30746		2386	14833	0946	00894	4078
0226	0867	30805		2391	14837	1048	01116	4035
0251	0870	30877		2396	14843	1149	01361	3989
0301	0887	31089		2410	14861	1346	01916	3864

C-REF-NO 009	YR 1968	DEPTH 430	WAVES 1 XX	AIR T	VIS
CONS. NO 054	MONTH 10	MXSAMPD 04	WAVES 2 XX	WET B	STN 024
LAT 49-303N	DAY 03	NO.DPTH 13	WND-DIR	WW-CODE	
LON 124-059W	HR 09.7	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
097	0000	1190 B	26674	640 B	2019	14867
097	0005	1151	27438	577 B	2084	14864
097	0010	1082	28470	458 B	2176	14852
097	0020	1014	28986	400 B	2227	14836
097	0030	0961	29400	368 B	2267	14823
097	0050	0935	29863	357 B	2307	14822
097	0075	0955	30183	347 B	2329	14838
097	0100	0947	30414	342 B	2349	14842
097	0150	0878	30560	331 B	2370	14826
097	0200	0870	30739	305 B	2386	14833
097	0250	0872	30893	302 B	2397	14844
097	0300	0885	31055	312 B	2408	14859
097	0400	0899	31205	310 B	2418	14883

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1190 B	26674	640 B	2019	14867	0000	00000	7570
0010	1082	28470	458 B	2176	14852	0068	00003	6063
0020	1014	28986	400 B	2227	14836	0127	00012	5575
0030	0961	29400	368 B	2267	14823	0181	00026	5190
0050	0935	29863	357 B	2307	14822	0281	00066	4809
0075	0955	30183	347 B	2329	14838	0399	00141	4604
0100	0947	30414	342 B	2349	14842	0512	00243	4425
0125	0913 C	3048 I	338 B	2359	14834	0622	00369	4324
0151	0878	30560	331 B	2370	14826	0730	00520	4222
0176	0870	30649	317 B	2379	14828	0835	00694	4147
0201	0870	30739	305 B	2386	14833	0938	00893	4085
0226	0870	30817	301 B	2392	14838	1040	01115	4030
0251	0872	30893	302 B	2397	14844	1141	01359	3980
0301	0885	31055	312 B	2408	14859	1339	01916	3387
0402	0899	31205	310 B	2418	14883	1726	03303	3313

C-REF-NO 009	YR 1968	DEPTH 384	WAVES 1	XX	AIR T	VIS
CONS. NO 055	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 023
LAT 49-351N	DAY 03	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-096W	HR 10.6	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
106	0000	1170 B	27407		2079	14869
106	0005	1192	27211		2060	14875
106	0010	1176	27557		2089	14875
106	0020	1013	28670		2203	14831
106	0030	0957	29392		2267	14821
106	0050	0944	29815		2302	14825
106	0075	0953 C	30108		2324	14836
106	0100	0952	30307		2339	14842
106	0150	0918	30543		2363	14841
106	0200	0879	30700		2381	14836
106	0250	0873	30902		2398	14845
106	0300	0884	31062		2409	14859
106	0350	0889	31121		2413	14870

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1170 B	27407		2079	14869	0000	00000	6994
0010	1176	27557		2089	14875	0070	00004	6893
0020	1013	28670		2203	14831	0133	00013	5808
0030	0957	29392		2267	14821	0188	00027	5189
0050	0944	29815		2302	14825	0289	00068	4859
0075	0953 C	30108		2324	14836	0409	00144	4657
0100	0952	30307		2339	14842	0524	00247	4512
0125	0938	3044 B		2352	14843	0636	00375	4394
0151	0918	30543		2363	14841	0745	00528	4293
0176	0897	3062 B		2373	14838	0851	00706	4206
0201	0879	30700		2381	14836	0956	00907	4127
0226	0873	30801		2390	14839	1059	01130	4047
0251	0873	30902		2398	14845	1160	01375	3975
0301	0884	31062		2409	14859	1357	01931	3891



C-REF-NO 009	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 056	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 022
LAT 49-402N	DAY 03	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-163W	HR 11.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARG		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
117	0000	1210 B	26550		2006	14873
117	0005	1121	27422		2088	14853
117	0010	1042	28542		2188	14839
117	0020	0951	29272		2259	14816
117	0030	0938	29621		2288	14817
117	0050	0938	29832		2305	14823
117	0075	0944 B	30128		2327	14833
117	0100	0936	30321		2343	14837
117	0150	0883 B	30538		2368	14828
117	0200	0871	30699		2382	14833
117	0250	0866	30880		2397	14842
117	0300	0882	31060		2409	14858
117	0340	0887	31118		2413	14868

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1210 B	26550		2006	14873	0000	00000	7695
0010	1042	28542		2188	14839	0068	00003	5947
0020	0951	29272		2259	14816	0125	00011	5268
0030	0938	29621		2288	14817	0176	00025	4991
0050	0938	29832		2305	14823	0275	00065	4836
0075	0944 B	30128		2327	14833	0393	00140	4630
0100	0936	30321		2343	14837	0508	00242	4477
0125	0910 B	3044 C		2357	14833	0619	00370	4350
0151	0883 B	30538		2368	14828	0727	00522	4246
0176	0874	30621		2376	14829	0832	00697	4174
0201	0871	30699		2382	14833	0937	00897	4115
0226	0867	30788		2390	14837	1039	01120	4048
0251	0866	30880		2397	14842	1140	01366	3981
0301	0882	31060		2409	14858	1338	01921	3878



C-REF-NO 009	YR 1968	DEPTH 338	WAVES 1	XX	AIR T	VIS
CONS. NO 057	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 021
LAT 49-438N	DAY 03	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-220W	HR 12.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
127	0000	1080 B	27528		2103	14838
127	0005	1138	27452		2088	14859
127	0010	1079	28288		2162	14849
127	0020	0980	28079		2162	14812
127	0030	0939	29344		2266	14814
127	0050	0924	29748		2300	14817
127	0075	0935	30135		2329	14830
127	0100	0929	30322		2344	14834
127	0150	0874 C	30484		2365	14823
127	0200	0866	30709		2384	14831
127	0250	0867	30842		2394	14842
127	0300	0879	31051		2409	14857
127	0325	0881	31088		2411	14862

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1080 B	27528		2103	14838	0000	00000	6759
0010	1079	28288		2162	14849	0065	00003	6194
0020	0980	28079		2162	14812	0127	00013	6198
0030	0939	29344		2266	14814	0184	00027	5199
0050	0924	29748		2300	14817	0285	00068	4879
0075	0935	30135		2329	14830	0404	00144	4611
0100	0929	30322		2344	14834	0518	00245	4466
0125	0902 C	3040 I		2355	14829	0629	00373	4370
0151	0874 C	30484		2365	14823	0738	00526	4273
0176	0866 B	3059 B		2375	14826	0844	00702	4181
0201	0866	30709		2384	14831	0948	00902	4100
0226	0865	3077 B		2389	14836	1051	01124	4053
0251	0867	30842		2394	14842	1152	01371	4011
0301	0879	31051		2409	14857	1350	01929	3881

C-REF-NO 009	YR 1968	DEPTH 293	WAVES 1	XX	AIR T	VIS
CONS. NO 058	MONTH 10	MXSAMPD .03	WAVES 2	XX	WET B	STN 020
LAT 49-472N	DAY 03	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-322W	HR 13.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARG		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
137	0000	1090 B	27630	594 B	2109	14843
137	0005	1098	27720	567 B	2115	14848
137	0010	1045	28540	475 B	2187	14840
137	0020	0988	29073	410 B	2238	14827
137	0030	0944	29335	361	2265	14816
137	0050	0907	29734	367 B	2302	14810
137	0075	0931	30109	361 B	2327	14828
137	0100	0927	30308	353 B	2343	14833
137	0150	0866	30487	333 B	2366	14820
137	0200	0867	30701	285 B	2383	14832
137	0275	0867	30879	296 B	2397	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1090 B	27630	594 B	2109	14843	0000	00000	6698
0010	1045	28540	475 B	2187	14840	0063	00003	5953
0020	0988	29073	410 B	2238	14827	0121	00012	5471
0030	0944	29335	361	2265	14816	0174	00025	5212
0050	0907	29734	367 B	2302	14810	0275	00066	4865
0075	0931	30109	361 B	2327	14828	0394	00142	4625
0100	0927	30308	353 B	2343	14833	0509	00244	4474
0125	0897 C	3039 I	345 B	2355	14827	0620	00372	4367
0151	0866	30487	333 B	2366	14820	0728	00524	4259
0176	0863 B	3059 B	308 B	2376	14825	0834	00700	4176
0201	0867	30701	285 B	2383	14832	0938	00900	4108
0226	0865	30775	280 B	2389	14836	1041	01123	4053
0251	0865	30835	284 B	2394	14841	1142	01369	4013

C-REF-NO 009	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 059	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 019
LAT 49-511N	DAY 03	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-528W	HR 15.7	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
157	0000	1170 B	27408		2079	14869
157	0005	1108	27693		2111	14851
157	0010	1036	28403		2178	14835
157	0020	0932	29164		2254	14807
157	0030	0920	29400		2274	14807
157	0050	0891	29817		2311	14805
157	0075	0867	30192		2343	14805
157	0100	0866	30319		2353	14810
157	0150	0870 B	30508		2368	14822
157	0200	0868	30569		2373	14830
157	0225	0867	30572		2373	14834

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1170 B	27408		2079	14869	0000	00000	6993
0010	1036	28403		2178	14835	0065	00003	6041
0020	0932	29164		2254	14807	0122	00012	5321
0030	0920	29400		2274	14807	0175	00025	5129
0050	0891	29817		2311	14805	0274	00065	4780
0075	0867	30192		2343	14805	0390	00139	4470
0100	0866	30319		2353	14810	0501	00238	4377
0125	0868	30427		2362	14816	0610	00364	4302
0151	0870 B	30508		2368	14822	0718	00515	4250
0176	0869	30551		2371	14827	0824	00692	4220
0201	0868	30569		2373	14830	0930	00895	4208
0226	0867	30572		2373	14834	1036	01125	4207

C-REF-NO 009	YR 1968	DEPTH 137	WAVES 1	XX	AIR T	VIS
CONS. NO 060	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 018
LAT 49-591N	DAY 03	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-589W	HR 16.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
164	0000	1080 B	27885		2131	14843
164	0005	1018	28450		2185	14828
164	0010	0989	28088		2161	14813
164	0020	0959	29229		2254	14818
164	0030	0953	29382		2267	14820
164	0050	0909	29697		2298	14810
164	0075	0875	30033		2330	14806
164	0100	0871	30153		2340	14810
164	0130	0871	30239		2346	14816

TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1080 B	27885		2131	14843	0000	00000	6494
0010	0989	28088		2161	14813	0064	00003	6205
0020	0959	29229		2254	14818	0121	00012	5312
0030	0953	29382		2267	14820	0174	00025	5190
0050	0909	29697		2298	14810	0275	00066	4895
0075	0875	30033		2330	14806	0394	00142	4600
0100	0871	30153		2340	14810	0509	00244	4507
0125	0870	30232		2346	14815	0621	00374	4451



C-REF-NO 009	YR 1968	DEPTH 256	WAVES 1	XX	AIR T	VIS
CONS. NO 061	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 017
LAT 49-588N	DAY 03	NO.DPTH 11	WND-DIR		WW-CODE	
LON 125-042W	HR 17.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
170	0000	1040	28441		2180	14835
170	0005	1062	27983		2141	14838
170	0010	0995	28770		2213	14824
170	0020	0975	29108		2243	14823
170	0030	0956	29402		2268	14821
170	0050	0928	29701		2296	14818
170	0075	0879 B	30068		2332	14808
170	0100	0865	30321		2354	14810
170	0150	0864	30552		2372	14820
170	0200	0864	30644		2379	14830
170	0250	0861	30694		2383	14838

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1040	28441		2180	14835	0000	00000	6018
0010	0995	28770		2213	14824	0059	00003	5706
0020	0975	29108		2243	14823	0115	00011	5426
0030	0956	29402		2268	14821	0168	00025	5180
0050	0928	29701		2296	14818	0269	00066	4919
0075	0879 B	30068		2332	14808	0388	00142	4579
0100	0865	30321		2354	14810	0501	00242	4374
0125	0862	3046 C		2366	14815	0609	00367	4265
0151	0864	30552		2372	14820	0716	00517	4209
0176	0864	3060 B		2376	14825	0821	00692	4169
0201	0864	30644		2379	14830	0925	00892	4146
0226	0863	30676		2382	14834	1029	01118	4124
0251	0861	30694		2383	14838	1133	01370	4112

C-REF-NO 009	YR 1968	DEPTH 174	WAVES 1	XX	AIR T	VIS
CONS. NO 062	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 016
LAT 49-572N	DAY 03	NO.DPTH 9	WND-DIR		WW-CODE	
LON 125-074W	HR 17.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
176	C000	1030 B	28355	548 B	2175	14830
176	0005	1011	28691	505 B	2204	14828
176	C010	0998	28939	454 B	2226	14827
176	C020	0961	29335	421 B	2262	14820
176	C030	0959	29454	410 B	2272	14823
176	0050	0922	29770	383	2302	14816
176	0075	0873	30205	352 B	2343	14807
176	C100	0868	30339	348 B	2355	14811
176	0150	0866	30453	351 B	2364	14820

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	1030 B	28355	548 B	2175	14830	0000	00000	6067
0010	0998	28939	454 B	2226	14827	0058	00003	5585
0020	0961	29335	421 B	2262	14820	0113	00011	5236
0030	0959	29454	410 B	2272	14823	0165	00024	5146
0050	0922	29770	383	2302	14816	0265	00065	4859
0075	0873	30205	352 B	2343	14807	0382	00139	4469
0100	0868	30339	348 B	2355	14811	0493	00239	4365
0125	0863	3043 D	346 B	2363	14815	0602	00364	4288
0151	0866	30453	351 B	2364	14820	0710	00515	4284

C-REF-NO 009	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 063	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 015
LAT 49-516N	DAY 03	NO.DPTH 8	WND-DIR		WW-CODE	
LON 125-015W	HR 18.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
184	0000	1170 B	27623		2095	14872
184	0005	1094 B	28132		2148	14852
184	0010	1011	28965		2226	14833
184	0020	0974	29188		2249	14823
184	0030	0971	29357		2263	14826
184	0050	0945	29605		2286	14823
184	0075	0893	30080		2331	14813
184	0100	0869	30441		2362	14813

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1170 B	27623		2095	14872	0000	00000	6834
0010	1011	28965		2226	14833	0062	00003	5586
0020	0974	29188		2249	14823	0117	00011	5365
0030	0971	29357		2263	14826	0170	00025	5236
0050	0945	29605		2286	14823	0273	00067	5016
0075	0893	30080		2331	14813	0394	00143	4590
0100	0869	30441		2362	14813	0505	00242	4290

C-REF-NO 009	YR 1968	DEPTH 311	WAVES 1	XX	AIR T	VIS
CONS. NO 064	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 014
LAT 49-529N	DAY 03	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-593W	HR 19.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
192	0000	1200 B	27574	666 B	2086	14882
192	0005	1199	27658	653 B	2093	14883
192	0010	1045	28916	455 B	2216	14845
192	0020	0972	29216	416 B	2251	14823
192	0030	0979 B	29247	422 B	2253	14828
192	0049	0946	29568	397 B	2283	14822
192	0074	0873 B	30063	362 B	2332	14805
192	0099	0868	30336	351 B	2354	14811
192	0148	0872	30592	356 B	2374	14824
192	0198	0867	30653	346 B	2379	14831
192	0247	0864	30698	341 B	2383	14838
192	0297	0862	30713	335 B	2385	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1200 B	27574	666 B	2086	14882	0000	00000	6920
0010	1045	28916	455 B	2216	14845	0063	00003	5674
0020	0972	29216	416 B	2251	14823	0118	00011	5341
0030	0979 B	29247	422 B	2253	14828	0172	00025	5330
0050	0943	29589	395 B	2285	14822	0276	00067	5024
0075	0872 B	30077	361 B	2334	14805	0396	00143	4563
0100	0868	30344	351 B	2355	14811	0508	00243	4361
0125	0870	3050 C	352 B	2368	14818	0616	00367	4246
0151	0872	30596	356 B	2374	14824	0722	00516	4186
0176	0870	3063 C	351 B	2378	14828	0827	00691	4156
0201	0867	30655	346 B	2379	14831	0931	00891	4143
0226	0865	30680	343 B	2382	14835	1035	01117	4124
0251	0864	30700	341 B	2383	14839	1139	01368	4111
*0301	0862	30713	335 B	2385	14846	1345	01950	4106



C-REF-NO 009	YR 1968	DEPTH 234	WAVES 1	XX	AIR T	VIS
CONS. NO 065	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 013
LAT 49-553N	DAY 03	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-554W	HR 19.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
197	0000	1120 B	28056		2137	14859
197	0005	1111	27976		2133	14856
197	0010	1076	28194		2155	14847
197	0020	0979	29054		2238	14824
197	0030	0957	29404		2268	14821
197	0050	0898	29419		2278	14803
197	0075	0886	30060		2330	14810
197	0100	0874	30258		2347	14812
197	0150	0861	30539		2371	14819
197	0200	0861	30622		2378	14828

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1120 B	28056		2137	14859	0000	00000	6430
0010	1076	28194		2155	14847	0064	00003	6259
0020	0979	29054		2238	14824	0122	00012	5472
0030	0957	29404		2268	14821	0176	00026	5180
0050	0898	29419		2278	14803	0279	00068	5086
0075	0886	30060		2330	14810	0400	00144	4594
0100	0874	30258		2347	14812	0514	00246	4434
0125	0866	30420		2361	14815	0623	00372	4304
0151	0861	30539		2371	14819	0730	00522	4213
0176	0859	30605		2377	14823	0836	00697	4166
0201	0861	30622		2378	14828	0940	00898	4159

C-REF-NO 009	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 066	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 012
LAT 48-437N	DAY 03	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-405W	HR 21.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
212	0000	1150 B	28196	594 B	2143	14872
212	0005	1100	28367	551 B	2165	14857
212	0010	1081	28585	499 B	2185	14853
212	0020	1057	28772	464 B	2203	14849
212	0030	1007	29041	414 B	2232	14835
212	0050	0921	29661	367 B	2294	14814
212	0075	0901 B	30131	356 B	2334	14817
212	0100	0892	30330	359 B	2350	14820
212	0150	0870 B	30620	372	2376	14824
212	0200	0866	30685	343 B	2382	14831
212	0250	0866	30714	341	2384	14840
212	0300	0865	30722	350 B	2385	14848

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1150 B	28196	594 B	2143	14872	0000	00000	6376
0010	1081	28585	499 B	2185	14853	0062	00003	5976
0020	1057	28772	464 B	2203	14849	0121	00012	5801
0030	1007	29041	414 B	2232	14835	0178	00027	5525
0050	0921	29661	367 B	2294	14814	0283	00069	4939
0075	0901 B	30131	356 B	2334	14817	0402	00144	4563
0100	0892	30330	359 B	2350	14820	0515	00245	4407
0125	0880	30498	368 B	2365	14822	0623	00370	4268
0151	0870 B	30620	372	2376	14824	0729	00519	4166
0176	0867	3066 C	358 B	2381	14827	0834	00692	4128
0201	0866	30685	343 B	2382	14831	0937	00891	4119
0226	0866	30703	340	2383	14835	1041	01116	4109
0251	0866	30714	341	2384	14840	1144	01367	4104
0301	0865	30722	350 B	2385	14848	1350	01948	4104

C-REF-NO 009	YR 1968	DEPTH 311	WAVES 1	XX	AIR T	VIS
CONS. NO 067	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 011
LAT 49-426N	DAY 03	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-434W	HR 22.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
222	0000	1250 B	27373		2062	14897
222	0005	1205	27549		2084	14884
222	0010	1133	27657		2104	14861
222	0020	1073	28355		2168	14849
222	0030	0999	28976		2229	14832
222	0050	0919	29621		2291	14813
222	0075	0890 B	28993		2246	14798
222	0100	0882	30363		2354	14817
222	0150	0868	30647		2379	14823
222	0200	0865	30701		2383	14831
222	0250	0868	30727		2385	14841
222	0300	0866	30737		2386	14848

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1250 B	27373		2062	14897	0000	00000	7154
0010	1133	27657		2104	14861	0070	00003	6749
0020	1073	28355		2168	14849	0134	00013	6135
0030	0999	28976		2229	14832	0193	00028	5561
0050	0919	29621		2291	14813	0298	00071	4965
0075	0890 B	28993		2246	14798	0428	00154	5395
0100	0882	30363		2354	14817	0551	00262	4366
0125	0874	3050 I		2367	14820	0659	00387	4254
0151	0868	30647		2379	14823	0765	00535	4144
0176	0865	3069 C		2382	14827	0868	00707	4111
0201	0865	30701		2383	14831	0972	00905	4105
0226	0866	30717		2384	14836	1075	01130	4099
0251	0868	30727		2385	14841	1178	01380	4099
0301	0866	30737		2386	14848	1384	01960	4094

C-REF-NO 009	YR 1968	DEPTH 115	WAVES 1	XX	AIR T	VIS
CONS. NO 068	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 010
LAT 49-407N	DAY 03	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-472W	HR 22.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
228	0000	1250 B	27400		2064	14897
228	0005	1212	27604		2087	14887
228	0010	1134	28023		2133	14866
228	0020	1039	28897		2216	14844
228	0030	1013	29144		2239	14839
228	0050	0966	29435		2269	14828
228	0075	0891 B	30027		2327	14812
228	0100	0881	30404		2358	14817

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1250 B	27400		2064	14897	0000	00000	7134
0010	1134	28023		2133	14866	0068	00003	6479
0020	1039	28897		2216	14844	0129	00012	5680
0030	1013	29144		2239	14839	0185	00027	5458
0050	0966	29435		2269	14828	0292	00070	5173
0075	0891 B	30027		2327	14812	0415	00148	4626
0100	0881	30404		2358	14817	0527	00248	4335



C-REF-NO 009	YR 1968	DEPTH 26	WAVES 1	XX	AIR T	VIS
CONS. NO 069	MONTH 10	MXSAMPD 00	WAVES 2	XX	WET B	STN 078
LAT 49-394N	DAY 03	NO.DPTH 4	WND-DIR		WW-CODE	
LON 124-558W	HR 23.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
237	0000	1260 B	27116		2040	14897
237	0005	1242	26959		2031	14890
237	0010	1236	27374		2065	14894
237	0020	1176	27929		2118	14881

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1260 B	27116		2040	14897	0000	00000	7362
0010	1236	27374		2065	14894	0073	00004	7130
0020	1176	27929		2118	14881	0141	00014	6619

C-REF-NO 009	YR 1968	DEPTH 73	WAVES 1 XX	AIR T	VIS
CONS. NO 070	MONTH 10	MXSAMPD 00	WAVES 2 XX	WET B	STN 077
LAT 49-287N	DAY 04	NO.DPTH 6	WND-DIR	WW-CODE	
LON 124-454W	HR 01.0	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
010	0000	1240 B	27477		2072	14895
010	0005	1229	27464		2073	14891
010	0010	1226	27495		2076	14892
010	0020	1138	28153		2142	14870
010	0030	1072	28664		2193	14854
010	0050	1054	28831		2208	14853

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1240 B	27477		2072	14895	0000	00000	7060
0010	1226	27495		2076	14892	0071	00004	7023
0020	1138	28153		2142	14870	0138	00014	6389
0030	1072	28664		2193	14854	0199	00029	5905
0050	1054	28831		2208	14853	0316	00077	5756

C-REF-NO 009	YR 1968	DEPTH 168	WAVES 1	XX	AIR T	VIS
CONS. NO 071	MONTH 10	MXSAMPD 01	WAVES 2	XX	WET B	STN 009
LAT 49-354N	DAY 04	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-383W	HR 02.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
022	0000	1230 B	27457	675	2072	14891
022	0005	1225	27445	688 B	2072	14890
022	0010	1229	27447	676 B	2071	14892
022	0020	1106	28721	475 B	2191	14866
022	0030	1019	29115	437 B	2236	14841
022	0050	0927	29573	381 B	2286	14816
022	0075	0882	30123	360 B	2336	14810
022	0100	0870	30365	351 B	2356	14812
022	0150	0864	30760	302 B	2388	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1230 B	27457	675	2072	14891	0000	00000	7058
0010	1229	27447	676 B	2071	14892	0071	00004	7065
0020	1106	28721	475 B	2191	14866	0136	00013	5916
0030	1019	29115	437 B	2236	14841	0193	00028	5488
0050	0927	29573	381 B	2286	14816	0298	00070	5013
0075	0882	30123	360 B	2336	14810	0418	00146	4543
0100	0870	30365	351 B	2356	14812	0530	00246	4349
0125	0862	30590	330 B	2375	14816	0637	00369	4170
0151	0864	30760	302 B	2388	14823	0740	00514	4054

C-REF-NO 009	YR 1968	DEPTH 336	WAVES 1	XX	AIR T	VIS
CONS. NO 072	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 008
LAT 49-394N	DAY 04	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-329W	HR 03.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
031	0000	1140 B	28030		2132	14866
031	0005	1131	28013		2132	14864
031	0010	1114	28189		2149	14860
031	0020	1049	28756		2203	14846
031	0030	1003	29085		2236	14834
031	0050	0920	29707		2298	14815
031	0075	0907	30121		2332	14819
031	0100	0893	30427		2358	14822
031	0150	0887 B	30580		2371	14830
031	0200	0876	30705		2382	14835
031	0250	0873	30724		2384	14842
031	0300	0871	30731		2385	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	1140 B	28030		2132	14866	0000	00000	6483
0010	1114	28189		2149	14860	0064	00003	6323
0020	1049	28756		2203	14846	0125	00012	5800
0030	1003	29085		2236	14834	0182	00027	5487
0050	0920	29707		2298	14815	0286	00069	4903
0075	0907	30121		2332	14819	0405	00144	4579
0100	0893	30427		2358	14822	0517	00244	4336
0125	0888	3050 I		2364	14825	0625	00368	4276
0151	0887 B	30580		2371	14830	0732	00519	4220
0176	0881	30651		2377	14832	0837	00694	4163
0201	0876	30705		2382	14835	0941	00893	4119
0226	0874	3072 B		2384	14839	1044	01118	4107
0251	0873	30724		2384	14842	1148	01369	4107
0301	0871	30731		2385	14850	1354	01951	4106



C-REF-NO 009	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 073	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 007
LAT 49-344N	DAY 04	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-240W	HR 04.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
041	0000	1170 B	28121		2134	14878
041	0005	1149	28078		2134	14871
041	0010	1151	28116		2137	14873
041	0020	1052	28800		2206	14847
041	0029	0994	29216		2248	14833
041	0049	0935	29565		2284	14818
041	0073	0915	30143		2332	14822
041	0097	0925	30442		2354	14834
041	0146	0890 B	30582		2370	14830
041	0195	0880	30706		2382	14836
041	0243	0875	30730		2384	14842
041	0292	0870	30736		2385	14848
041	0341	0867	30757		2387	14855

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1170 B	28121		2134	14878	0000	00000	6464
0010	1151	28116		2137	14873	0065	00003	6438
0020	1052	28800		2206	14847	0126	00013	5772
0030	0989	2924 C		2251	14831	0182	00027	5350
0050	0933	29590		2286	14818	0286	00069	5010
0075	0916	30176		2335	14823	0406	00145	4552
0100	0924	3046 B		2356	14834	0517	00245	4356
0125	0908 B	3052 I		2363	14833	0626	00369	4291
0151	0889 B	30594		2371	14830	0733	00520	4212
0176	0882	30662		2378	14833	0838	00694	4156
0201	0879	30711		2382	14837	0942	00894	4119
0226	0877	30728		2384	14840	1045	01119	4107
0251	0874	30731		2384	14843	1148	01370	4104
0301	0869	30739		2386	14849	1355	01950	4098

C-REF-NO 009	YR 1968	DEPTH 192	WAVES 1	XX	AIR T	VIS
CONS. NO 074	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 006
LAT 49-306N	DAY 04	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-277W	HR 05.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
050	0000	1220 B	27554	656 B	2081	14889
050	0005	1212	27527	657 B	2081	14886
050	0010	1213	27537	652 B	2081	14888
050	0020	1093	28435	502 B	2171	14858
050	0030	1020	29049	427 B	2231	14840
050	0050	0947	29555	378 B	2282	14823
050	0075	0901 B	30026	363 B	2325	14816
050	0100	0933	30373	362 B	2348	14836
050	0150	0899 B	30633	346 B	2373	14835
050	0180	0877	30762	339 B	2386	14833

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	1220 B	27554	656 B	2081	14889	0000	00000	6968
0010	1213	27537	652 B	2081	14888	0070	00004	6970
0020	1093	28435	502 B	2171	14858	0135	00013	6108
0030	1020	29049	427 B	2231	14840	0194	00028	5538
0050	0947	29555	378 B	2282	14823	0300	00071	5056
0075	0901 B	30026	363 B	2325	14816	0422	00148	4642
0100	0933	30373	362 B	2348	14836	0536	00250	4435
0125	0924 C	3050 1	355 B	2359	14839	0646	00376	4329
0151	0899 B	30633	346 B	2373	14835	0753	00527	4199
0176	0881	30743	340 B	2384	14834	0857	00700	4095

C-REF-NO 009	YR 1968	DEPTH 326	WAVES 1	XX	AIR T	VIS
CONS. NO 075	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 005
LAT 49-274N	DAY 04	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-306W	HR 05.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
057	0000	1250 B	27354		2061	14897
057	0005	1251	27376		2062	14898
057	0010	1230	27438		2071	14892
057	0020	1101	28517		2176	14861
057	0030	1015	29076		2234	14839
057	0050	0962	29420		2269	14827
057	0075	0902 B	29797		2307	14813
057	0100	0887	30193		2340	14816
057	0150	0888	30709		2381	14832
057	0200	0876	30807		2390	14836
057	0250	0866	30887		2398	14842
057	0300	0881	31033		2407	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1250 B	27354		2061	14897	0000	00000	7169
0010	1230	27438		2071	14892	0071	00004	7073
0020	1101	28517		2176	14861	0137	00013	6060
0030	1015	29076		2234	14839	0195	00028	5511
0050	0962	29420		2269	14827	0302	00072	5178
0075	0902 B	29797		2307	14813	0428	00151	4813
0100	0887	30193		2340	14816	0545	00255	4501
0125	0886	30500		2365	14824	0655	00382	4275
0151	0888	30709		2381	14832	0760	00530	4127
0176	0883	3075 I		2385	14834	0864	00701	4086
0201	0876	30807		2390	14836	0966	00897	4043
0226	0869	30844		2394	14839	1067	01117	4009
0251	0866	30887		2398	14842	1167	01361	3977
0301	0881	31033		2407	14858	1365	01918	3898



C-REF-NO 009	YR 1968	DEPTH 320	WAVES 1 XX	AIR T	VIS
CONS. NO 076	MONTH 10	MXSAMPD 03	WAVES 2 XX	WET B	STN 004
LAT 49-243N	DAY 04	NO.DPTH 12	WND-DIR	WW-CODE	
LON 124-220W	HR 06.8	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
068	0000	1250 B	27220		2050	14895
068	0005	1250	27287		2055	14897
068	0010	1246	27345		2061	14897
068	0020	1021	28016		2151	14826
068	0030	0994	29216		2248	14833
068	0050	0918	29720		2299	14814
068	0075	0944 B	30195		2332	14834
068	0100	0918	30461		2357	14832
068	0150	0876	30630		2376	14826
068	0200	0868	30811		2391	14834
068	0250	0866	30883		2397	14842
068	0300	0877	30988		2404	14856

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1250 B	27220		2050	14895	0000	00000	7268
0010	1246	27345		2061	14897	0072	00004	7169
0020	1021	28016		2151	14826	0140	00014	6307
0030	0994	29216		2248	14833	0198	00028	5375
0050	0918	29720		2299	14814	0301	00070	4891
0075	0944 B	30195		2332	14834	0420	00146	4579
0100	0918	30461		2357	14832	0532	00245	4347
0125	0894	3054 I		2367	14828	0640	00370	4253
0151	0876	30630		2376	14826	0746	00518	4168
0176	0869	3072 B		2385	14829	0850	00691	4089
0201	0868	30811		2391	14834	0952	00886	4029
0226	0866	3085 B		2395	14837	1053	01106	3999
0251	0866	30883		2397	14842	1153	01350	3979
0301	0877	30988		2404	14856	1352	01909	3924



C-REF-NO 009	YR 1968	DEPTH 320	WAVES 1	XX	AIR T	VIS
CONS. NO 077	MONTH 10	MXSAMPD 03	WAVES 2	XX	WET B	STN 003
LAT 49-266N	DAY 04	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-202W	HR 07.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
074	0000	1240 B	27351	675 B	2062	14893
074	0005	1236	27347	685 B	2062	14892
074	0010	1225	27470	676 B	2074	14891
074	0020	1012	28009	437 B	2151	14823
074	0030	0955	29432	387 B	2271	14821
074	0050	0916	29830	369 B	2308	14815
074	0075	0934 B	30226	362 B	2336	14831
074	0100	0932	30408	360 B	2350	14836
074	0150	0898 B	30673	346 B	2376	14835
074	0200	0880	30789	343 B	2388	14838
074	0250	0871	30859	338 B	2395	14843
074	0300	0880	30984	328 B	2403	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1240 B	27351	675 B	2062	14893	0000	00000	7153
0010	1225	27470	676 B	2074	14891	0071	00004	7041
0020	1012	28009	437 B	2151	14823	0138	00014	6299
0030	0955	29432	387 B	2271	14821	0195	00028	5156
0050	0916	29830	369 B	2308	14815	0295	00069	4805
0075	0934 B	30226	362 B	2336	14831	0413	00143	4542
0100	0932	30408	360 B	2350	14836	0525	00243	4408
0125	0916 B	30558	353 B	2364	14836	0634	00369	4276
0151	0898 B	30673	346 B	2376	14835	0740	00518	4168
0176	0887	3074 B	344 B	2383	14836	0844	00690	4104
0201	0880	30789	343 B	2388	14838	0947	00887	4062
0226	0874	3082 B	341 B	2392	14840	1048	01109	4032
0251	0871	30859	338 B	2395	14843	1149	01354	4004
0301	0880	30984	328 B	2403	14857	1349	01915	3931

C-REF-NO 009	YR 1968	DEPTH 283	WAVES 1	XX	AIR T	VIS
CONS. NO 078	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 002
LAT 49-241N	DAY 04	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-093W	HR 08.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
084	0000	1210 B	27521	664 B	2081	14885
084	0005	1197	27588	656 B	2088	14882
084	0010	1196	27662	626 B	2094	14883
084	0020	1038	28849	443 B	2212	14843
084	0030	0980	29290	403 B	2256	14829
084	0050	0938	29736	373 B	2297	14822
084	0075	0957	30177	367 B	2329	14839
084	0100	0953	30376	362 B	2345	14844
084	0150	0921 B	30625	346 B	2369	14843
084	0200	0887	30755	343 B	2384	14840
084	0250	0875	30894	340 B	2397	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1210 B	27521	664 B	2081	14885	0000	00000	6976
0010	1196	27662	626 B	2094	14883	0069	00004	6849
0020	1038	28849	443 B	2212	14843	0132	00013	5714
0030	0980	29290	403 B	2256	14829	0187	00027	5298
0050	0938	29736	373 B	2297	14822	0290	00068	4908
0075	0957	30177	367 B	2329	14839	0409	00144	4612
0100	0953	30376	362 B	2345	14844	0523	00246	4462
0125	0939	30520	354 B	2358	14844	0634	00373	4338
0151	0921 B	30625	346 B	2369	14843	0741	00524	4238
0176	0903	3069 B	344 B	2377	14841	0847	00700	4160
0201	0887	30755	343 B	2384	14840	0951	00899	4098
0226	0879	30826	341 B	2391	14842	1053	01121	4036
0251	0875	30894	340 B	2397	14845	1154	01366	3984

C-REF-NO 009	YR 1968	DEPTH 252	WAVES 1	XX	AIR T	VIS
CONS. NO 079	MONTH 10	MXSAMPD 02	WAVES 2	XX	WET B	STN 001
LAT 49-203N	DAY 04	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-120W	HR 09.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
091	0000	1200 B	27685		2095	14883
091	0005	1194 B	27669		2095	14882
091	0010	1197	27666		2094	14884
091	0020	1090	28515		2178	14857
091	0030	1012	29084		2235	14838
091	0050	0940	29552		2282	14820
091	0075	0918 B	30051		2325	14822
091	0100	0914	30463		2357	14830
091	0150	0875	30675		2380	14826
091	0200	0870	30789		2389	14834

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1200 B	27685		2095	14883	0000	00000	6837
0010	1197	27666		2094	14884	0069	00004	6848
0020	1090	28515		2178	14857	0133	00013	6044
0030	1012	29084		2235	14838	0191	00028	5500
0050	0940	29552		2282	14820	0297	00071	5047
0075	0918 B	30051		2325	14822	0418	00148	4648
0100	0914	30463		2357	14830	0531	00248	4340
0125	0895 B	3056 I		2369	14828	0639	00372	4236
0151	0875	30675		2380	14826	0744	00520	4132
0176	0869	3075 B		2387	14829	0847	00691	4069
0201	0870	30789		2389	14834	0949	00887	4048





OCEANOGRAPHIC DATA CRUISE 010/68

4 - 8 NOVEMBER 1968



C-REF-NO 010	YR 1968	DEPTH 91	WAVES 1	XX	AIR T	VIS
CONS. NO 001	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 076
LAT 48-315N	DAY 05	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-300W	HR 02.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
020	0000	0990 B	30913		2381	14848
020	0005	1010	30878		2375	14856
020	0010	1011	30894		2376	14857
020	0020	0988	30096		2317	14840
020	0030	0944	31324		2420	14841
020	0050	0900	31683		2455	14832
020	0075	0890	31800		2465	14834

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0990 B	30913		2381	14848	0000	00000	4106
0010	1011	30894		2376	14857	0041	00002	4153
0020	0988	30096		2317	14840	0086	00009	4712
0030	0944	31324		2420	14841	0128	00020	3735
0050	0900	31683		2455	14832	0200	00049	3405
0075	0890	31800		2465	14834	0285	00103	3308

C-REF-NO 010	YR 1968	DEPTH 229	WAVES 1	XX	AIR T	VIS
CONS. NO 002	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 075
LAT 48-282N	DAY 05	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-327W	HR 02.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
027	0000	1010 B	30875	620 B	2374	14855
027	0005	1043	30938	598 B	2374	14869
027	0010	1013	31150	561 B	2395	14861
027	0020	0972	31223	549	2408	14849
027	0030	0921	31502	486 B	2437	14835
027	0050	0888	31859	442	2470	14830
027	0075	0848 B	32315	399 B	2512	14825
027	0100	0801	32945	355	2568	14819
027	0150	0760	33609	252 B	2626	14820
027	0200	0742	33774	238 B	2642	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	1010 B	30875	620 B	2374	14855	0000	00000	4165
0010	1013	31150	561 B	2395	14861	0041	00002	3966
0020	0972	31223	549	2408	14849	0080	00008	3850
0030	0921	31502	486 B	2437	14835	0117	00018	3567
0050	0888	31859	442	2470	14830	0186	00045	3258
0075	0848 B	32315	399 B	2512	14825	0263	00094	2864
0101	0801	32945	355	2568	14819	0328	00152	2334
0126	0775	3335 D	299 B	2604	14819	0383	00214	1994
0151	0760	33609	252 B	2626	14820	0430	00281	1790
0176	0748	33758	235 B	2640	14821	0474	00353	1667
0201	0742	33774	238 B	2642	14824	0516	00434	1652



C-REF-NO 010	YR 1968	DEPTH 188	WAVES 1	XX	AIR T	VIS
CONS. NO 003	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 074
LAT 48-252N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-356W	HR 03.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
033	0000	1130 B	30732		2343	14896
033	0005	1083	30733		2351	14880
033	0010	1081	30756		2353	14881
033	0020	1004	31024		2387	14858
033	0030	1014	31338		2410	14867
033	0050	0857	32626		2535	14828
033	0075	0789	33245		2593	14814
033	0100	0784	33447		2610	14819
033	0150	0777	33660		2628	14827

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVa
0000	1130 B	30732		2343	14896	0000	00000	4465
0010	1081	30756		2353	14881	0044	00002	4367
0020	1004	31024		2387	14858	0087	00009	4047
0030	1014	31338		2410	14867	0126	00019	3832
0050	0857	32626		2535	14828	0191	00044	2642
0075	0789	33245		2593	14814	0251	00081	2089
0101	0784	33447		2610	14819	0301	00127	1937
0126	0776 B	3355 I		2619	14822	0349	00181	1850
0151	0777	33660		2628	14827	0395	00246	1777

C-REF-NO 010	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 004	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 073
LAT 48-152N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-070W	HR 05.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
056	0000	0940 B	31251		2415	14834
056	0005	0949	31246		2413	14838
056	0010	0958	31310		2417	14843
056	0020	0928	31396		2428	14834
056	0030	0913	31469		2436	14831
056	0050	0909	31751		2459	14837
056	0075	0811	32940		2566	14819
056	0100	0779	33389		2606	14817
056	0150	0765	33602		2625	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	31251		2415	14834	0000	00000	3778
0010	0958	31310		2417	14843	0038	00002	3762
0020	0928	31396		2428	14834	0075	00008	3655
0030	0913	31469		2436	14831	0111	00017	3580
0050	0909	31751		2459	14837	0181	00045	3369
0075	0811	32940		2566	14819	0253	00090	2347
0101	0779	33389		2606	14817	0308	00138	1973
0126	0761	3349 I		2617	14815	0356	00194	1872
0151	0765	33602		2625	14822	0402	00259	1803

C-REF-NO 010	YR 1968	DEPTH 194	WAVES 1	XX	AIR T	VIS
CONS. NO 005	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 072
LAT 48-187N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-038W	HR 06.1	W-COLOR	WND-SPD		CLD-TPF	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
061	0000	0910 B	31344	572 B	2427	14824
061	0005	0914	31305	542 B	2423	14825
061	0010	0921	31313	541 B	2423	14829
061	0020	0905	31463	474 B	2437	14827
061	0030	0897 B	31563	455	2446	14826
061	0050	0892	31683	448 B	2456	14829
061	0075	0864 B	32132	426 B	2495	14829
061	0100	0818	32720	360 B	2548	14823
061	0150	0744	33698	268 B	2635	14815

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0910 B	31344	572 B	2427	14824	0000	00000	3665
0010	0921	31313	541 B	2423	14829	0037	00002	3705
0020	0905	31463	474 B	2437	14827	0074	00007	3571
0030	0897 B	31563	455	2446	14826	0109	00017	3486
0050	0892	31683	448 B	2456	14829	0178	00045	3394
0075	0864 B	32132	426 B	2495	14829	0259	00096	3023
0101	0818	32720	360 B	2548	14823	0329	00158	2525
0126	0779	3322 C	311 B	2594	14819	0387	00224	2097
0151	0744	33698	268 B	2635	14815	0435	00291	1703

C-REF-NO 010	YR 1968	DEPTH 119	WAVES 1	XX	AIR T	VIS
CONS. NO 006	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 071
LAT 48-222N	DAY 05	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-006W	HR 06.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
069	0000	0880 B	31336		2431	14812
069	0005	0894	31323		2428	14818
069	0010	0900	31329		2427	14821
069	0020	0896	31323		2427	14821
069	0030	0902	31372		2430	14826
069	0050	0906	31459		2436	14832
069	0075	0876	31776		2466	14829
069	0100	0833	32367		2518	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	31336		2431	14812	0000	00000	3627
0010	0900	31329		2427	14821	0037	00002	3663
0020	0896	31323		2427	14821	0073	00008	3662
0030	0902	31372		2430	14826	0110	00017	3636
0050	0906	31459		2436	14832	0183	00047	3581
0075	0876	31776		2466	14829	0269	00102	3305
0101	0833	32367		2518	14824	0346	00170	2808



C-REF-NO 010	YR 1968	DEPTH 155	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 070
LAT 48-192N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-433W	HR 08.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
082	0000	0900 B	31260		2422	14819
082	0005	0896 B				
082	0010	0891	31490		2441	14821
082	0020	0875	31648		2456	14818
082	0029	0872	31737		2463	14820
082	0049	0854	32009		2487	14820
082	0073	0848	32026		2489	14822
082	0098	0838	32191		2504	14824
082	0147	0811 B	32732		2550	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	31260		2422	14819	0000	00000	3713
0010	0891	31490		2441	14820	0036	00002	3530
0020	0875	31648		2456	14818	0071	00007	3390
0030	0871	31752		2464	14819	0105	00016	3308
0050	0854	32012		2487	14819	0169	00042	3094
0075	0847	32035		2490	14821	0247	00091	3071
0101	0837	32207		2505	14823	0322	00159	2934
0126	0824	32449		2526	14826	0394	00241	2738

C-REF-NO 010	YR 1968	DEPTH 179	WAVES 1	XX	AIR T	VIS
CONS. NO 008	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 069
LAT 48-155N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-433W	HR 09.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
090	0000	0880 B	31136	510 B	2415	14810
090	0005	0910	31127	502 B	2410	14822
090	0010	0919	31148	496 B	2410	14826
090	0020	0899	31238	485 B	2420	14821
090	0030	0893	31465	463 B	2439	14824
090	0050	0894	31602	457 B	2449	14829
090	0075	0873	32008	417 B	2484	14830
090	0100	0838	32425	378 B	2522	14827
090	0150	0754	33546	283 B	2622	14817

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	31136	510 B	2415	14810	0000	00000	3776
0010	0919	31148	496 B	2410	14826	0038	00002	3824
0020	0899	31238	485 B	2420	14821	0076	00008	3730
0030	0893	31465	463 B	2439	14824	0113	00017	3554
0050	0894	31602	457 B	2449	14829	0183	00046	3458
0075	0873	32008	417 B	2484	14830	0266	00098	3129
0101	0838	32425	378 B	2522	14827	0340	00164	2772
0126	0799	3294 B	333 B	2568	14822	0404	00238	2336
0151	0754	33546	283 B	2622	14817	0457	00311	1829

C-REF-NO 010	YR 1968	DEPTH 137	WAVES 1	XX	AIR T	VIS
CONS. NO 009	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 068
LAT 48-121N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-433W	HR 09.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
097	0000	0900 B	30061		2328	14803
097	0005	0915	31035		2402	14822
097	0010	0923	31235		2416	14829
097	0020	0899	31570		2446	14826
097	0030	0899	31648		2452	14828
097	0050	0886	31942		2477	14830
097	0075	0808	32665		2545	14814
097	0100	0761	33440		2613	14810
097	0125	0758 B	33482		2616	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	30061		2328	14803	0000	00000	4605
0010	0923	31235		2416	14829	0042	00002	3766
0020	0899	31570		2446	14826	0078	00007	3483
0030	0899	31648		2452	14828	0113	00016	3427
0050	0886	31942		2477	14830	0180	00043	3193
0075	0808	32665		2545	14814	0252	00089	2548
0101	0761	33440		2613	14810	0308	00138	1910
0126	0758 B	33482		2616	14814	0356	00193	1879

C-REF-NO 010	YR 1968	DEPTH 101	WAVES 1	XX	AIR T	VIS
CONS. NO 010	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 067
LAT 48-228N	DAY 05	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-181W	HR 11.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
115	0000	0900 B	30743		2381	14812
115	0005	0904	30708		2378	14814
115	0010	0910	30711		2377	14817
115	0020	0907	30726		2379	14818
115	0030	0911	30737		2379	14821
115	0050	0910	30753		2381	14824
115	0075	0883	31394		2435	14826

TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	30743		2381	14812	0000	00000	4098
0010	0910	30711		2377	14817	0041	00002	4136
0020	0907	30726		2379	14818	0083	00008	4122
0030	0911	30737		2379	14821	0124	00019	4121
0050	0910	30753		2381	14824	0207	00053	4112
0075	0883	31394		2435	14826	0304	00114	3599



C-REF-NO 010	YR 1968	DEPTH	99	WAVES 1	XX	AIR T	VIS
CONS. NO 011	MONTH 11	MXSAMPD	01	WAVES 2	XX	WET B	STN 066
LAT 48-193N	DAY 05	NO.DPTH	7	WND-DIR		WW-CODE	
LON 123-141W	HR 12.1	W-COLOR		WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP		BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
121	0000	0820 B	30781		2396	14782
121	0005	0920	30803		2383	14821
121	0010	0926	30802		2382	14824
121	0020	0923	30840		2385	14825
121	0030	0914	30067		2327	14814
121	0050	0856	31036		2411	14807
121	0075	0852	32047		2490	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0820 B	30781		2396	14782	0000	00000	3956
0010	0926	30802		2382	14824	0040	00002	4092
0020	0923	30840		2385	14825	0081	00008	4061
0030	0914	30067		2327	14814	0125	00020	4625
0050	0856	31036		2411	14807	0210	00054	3823
0075	0852	32047		2490	14823	0296	00108	3069

C-REF-NO 010	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 012	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 065
LAT 48-158N	DAY 05	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-100W	HR 12.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
128	0000	0880 B	31033		2407	14808
128	0005	0939	31045		2399	14832
128	0010	0943	31075		2401	14834
128	0020	0931	31193		2412	14833
128	0030	0923	31326		2423	14833
128	0050	0907	31556		2444	14833
128	0075	0893	31635		2452	14833
128	0100	0872	31833		2471	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	31033		2407	14808	0000	00000	3853
0010	0943	31075		2401	14834	0039	00002	3914
0020	0931	31193		2412	14833	0078	00008	3810
0030	0923	31326		2423	14833	0116	00018	3701
0050	0907	31556		2444	14833	0188	00047	3509
0075	0893	31635		2452	14833	0275	00103	3435
0101	0872	31833		2471	14832	0359	00178	3261

C-REF-NO 010	YR 1968	DEPTH 95	WAVES 1 XX	AIR T	VIS
CONS. NO 013	MONTH 11	MXSAMPD 01	WAVES 2 XX	WET B	STN 064
LAT 48-122N	DAY 05	NO.DPTH 7	WND-DIR	WW-CODE	
LON 123-059W	HR 13.5	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
135	0000	0810 B	31221	537 B	2432	14784
135	0005	0912	31199	508 B	2415	14823
135	0010	0921	31296	489 B	2421	14829
135	0020	0912	31348	483 B	2427	14828
135	0030	0901	31558	466 B	2445	14828
135	0050	0888	31704	449 B	2458	14828
135	0075	0875	31830	419 B	2470	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0810 B	31221	537 B	2432	14784	0000	00000	3616
0010	0921	31296	489 B	2421	14829	0037	00002	3718
0020	0912	31348	483 B	2427	14828	0074	00008	3667
0030	0901	31558	466 B	2445	14828	0110	00017	3496
0050	0888	31704	449 B	2458	14828	0179	00045	3373
0075	0875	31830	419 B	2470	14829	0262	00098	3264

C-REF-NO 010	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 014	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 063
LAT 48-146N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-588W	HR 14.2	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
142	0000	0820 B	31218	532 B	2430	14788
142	0005	0924	31243	492 B	2417	14828
142	0010	0930 B	31247	485	2416	14832
142	0020	0925	31338	490	2424	14832
142	0030	0916	31522	464 B	2440	14833
142	0050	0894	31759	431 B	2462	14831
142	0075	0871 B	31952	409 B	2480	14829
142	0100	0862	32034	402 B	2488	14831
142	0150	0836 B	32352	363 B	2517	14833

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	31218	532 B	2430	14788	0000	00000	3631
0010	0930 B	31247	485	2416	14832	0037	00002	3767
0020	0925	31338	490	2424	14832	0075	00008	3694
0030	0916	31522	464 B	2440	14833	0111	00017	3546
0050	0894	31759	431 B	2462	14831	0180	00045	3340
0075	0871 B	31952	409 B	2480	14829	0262	00097	3167
0101	0862	32034	402 B	2488	14831	0341	00168	3097
0126	0849	3217 B	385 B	2501	14832	0417	00256	2976
0151	0836 B	32352	363 B	2517	14833	0490	00358	2832



C-REF-NO 010	YR 1968	DEPTH 154	WAVES 1	XX	AIR T	VIS
CONS. NO 015	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 062
LAT 48-228N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-027W	HR 15.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
152	0000	0850 B	30725	514 B	2387	14793
152	0005	0923	30751	503 B	2378	14822
152	0010	0931	30804	498 B	2381	14826
152	0020	0928	30843	490	2385	14827
152	0030	0931	30850	505 B	2385	14830
152	0050	0930	31194	480 B	2412	14837
152	0075	0893	31571	451 B	2447	14832
152	0100	0878	31816	432 B	2468	14834
152	0150	0847 B	32250	392 B	2507	14836

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	30725	514 B	2387	14793	0000	00000	4040
0010	0931	30804	498 B	2381	14826	0041	00002	4098
0020	0928	30843	490	2385	14827	0082	00008	4066
0030	0931	30850	505 B	2385	14830	0123	00019	4067
0050	0930	31194	480 B	2412	14837	0202	00051	3813
0075	0893	31571	451 B	2447	14832	0294	00109	3481
0100	0878	31816	432 B	2468	14834	0379	00185	3283
0126	0861	3204 B	412 B	2489	14835	0459	00277	3088
0151	0847 B	32250	392 B	2507	14836	0534	00383	2924

C-REF-NO 010	YR 1968	DEPTH 280	WAVES 1	XX	AIR T	VIS
CONS. NO 016	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 061
LAT 48-291N	DAY 05	NO.DPTH 11	WND-DIR		WW-CCDF	
LON 123-094W	HR 16.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
161	0000	0900 B	30792		2385	14813
161	0005	0908	30799		2385	14817
161	0010	0912	30804		2384	14819
161	0020	0907	30848		2389	14819
161	0030	0908	30908		2393	14822
161	0050	0908	30943		2396	14826
161	0074	0903	30016		2324	14816
161	0099	0902	31124		2411	14834
161	0149	0904 B	31172		2414	14843
161	0199	0900	31244		2420	14851
161	0248	0883	31600		2451	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	30792		2385	14813	0000	00000	4061
0010	0912	30804		2384	14819	0041	00002	4070
0020	0907	30848		2389	14819	0082	00008	4031
0030	0908	30908		2393	14822	0122	00019	3990
0050	0908	30943		2396	14826	0202	00051	3967
0075	0903	3006 I		2328	14817	0310	00121	4619
0100	0902	3113 C		2412	14834	0416	00215	3820
0126	0903	3114 I		2413	14839	0511	00326	3818
0151	0904 B	31172		2414	14844	0607	00460	3806
0176	0903	3119 D		2416	14848	0703	00619	3796
0201	0900	31249		2421	14851	0798	00802	3751
0226	0892	31403		2434	14855	0890	01003	3628
*0251	0882	31620		2452	14857	0980	01220	3457

C-REF-NO 010	YR 1968	DEPTH 293	WAVES 1	XX	AIR T	VIS
CONS. NO 017	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 060
LAT 48-339N	DAY 05	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-128W	HR 17.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
172	0000	0920 B	30351		2348	14815
172	0005	0918	30269		2342	14814
172	0010	0922	30280		2342	14816
172	0020	0916	30343		2348	14816
172	0030	0918	30421		2354	14820
172	0050	0914	30641		2371	14824
172	0075	0912	30655		2373	14828
172	0100	0911	30735		2379	14833
172	0150	0907				
172	0200	0898	31345		2429	14860
172	0250	0895	31438		2436	14868
172	0275	0894	31469		2439	14872

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0920 B	30351		2348	14815	0000	00000	4418
0010	0922	30280		2342	14816	0045	00002	4474
0020	0916	30343		2348	14816	0089	00009	4420
0030	0918	30421		2354	14820	0133	00020	4366
0050	0914	30641		2371	14824	0219	00055	4201
0075	0912	30655		2373	14828	0325	00123	4191
0100	0911	30735		2379	14833	0429	00216	4134
0126	0909	3088 I		2391	14838	0532	00334	4022
0151	0907	3104 I		2403	14843	0631	00474	3909
0176	0902	3119 I		2416	14847	0728	00635	3792
0201	0898	31345		2429	14852	0822	00815	3677
0226	0896	3140 B		2433	14856	0914	01015	3635
0251	0895	31438		2436	14860	1005	01237	3611



C-REF-NO 010	YR 1968	DEPTH 208	WAVES 1	XX	AIR T	VIS
CONS. NO 018	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 059
LAT 48-377N	DAY 05	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-148W	HR 18.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
180	0000	0930 B	29550	492 B	2284	14808
180	0005	0925	29692	464 B	2296	14809
180	0010	0932	29715	457 B	2296	14813
180	0020	0926	29801	461 B	2304	14813
180	0030	0926	29920	478	2313	14816
180	0050	0924	30015	467 B	2321	14820
180	0075	0919	30158	467 B	2333	14824
180	0100	0914	30531	451	2363	14831
180	0150	0903 B	31139	437	2412	14843
180	0200	0899	31296	427 B	2425	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	29550	492 B	2284	14808	0000	00000	5028
0010	0932	29715	457 B	2296	14813	0050	00003	4910
0020	0926	29801	461 B	2304	14813	0099	00010	4838
0030	0926	29920	478	2313	14816	0147	00022	4751
0050	0924	30015	467 B	2321	14820	0242	00061	4679
0075	0919	30158	467 B	2333	14824	0358	00135	4570
0100	0914	30531	451	2363	14831	0469	00234	4289
0126	0908	3087 D	442	2390	14837	0573	00354	4029
0151	0903 B	31139	437	2412	14843	0672	00493	3829
0176	0900	31270	431	2422	14848	0767	00651	3731
0201	0899	31296	427 B	2425	14852	0861	00830	3715



C-REF-NO 010	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 019	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 058
LAT 48-429N	DAY 05	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-140W	HR 18.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
189	0000	0900 B	28714		2223	14786
189	0005	0931	28818		2227	14800
189	0010	0934	29288		2263	14808
189	0020	0927	29583		2287	14811
189	0030	0928	29680		2294	14814
189	0050	0927	29829		2306	14819
189	0075	0912	30561		2365	14827
189	0100	0905	30938		2396	14833
189	0150	0908	30013		2323	14830
189	0200	0902	31197		2416	14851
189	0250	0898	31303		2425	14859
189	0300	0895	31401		2433	14868

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	28714		2223	14786	0000	00000	5608
0010	0934	29288		2263	14808	0054	00003	5231
0020	0927	29583		2287	14811	0106	00010	5002
0030	0928	29680		2294	14814	0156	00023	4932
0050	0927	29829		2306	14819	0253	00063	4822
0075	0912	30561		2365	14827	0367	00135	4261
0100	0905	30938		2396	14833	0471	00227	3974
0126	0906	3047 I		2360	14831	0575	00348	4322
0151	0908	30013		2323	14830	0688	00507	4672
0176	0905	3060 I		2370	14841	0800	00693	4232
0201	0902	31197		2416	14851	0901	00886	3793
0226	0900	3125 I		2421	14855	0995	01092	3753
0251	0898	31303		2425	14859	1089	01320	3716
0301	0895	31401		2433	14868	1275	01841	3646

C-REF-NO 010	YR 1968	DEPTH 155	WAVES 1	XX	AIR T	VIS
CONS. NO 020	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 057
LAT 48-440N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-081W	HR 19.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
197	0000	0980 B	25614	522 B	1970	14777
197	0005	0946	28338	490 B	2187	14800
197	0010	0944	28890	476 B	2230	14807
197	0020	0932	29270	466 B	2262	14809
197	0030	0933	29372	450 B	2270	14812
197	0050	0926	29749	447 B	2300	14817
197	0075	0916 B	30310	455	2345	14825
197	0100	0905	30917	450 B	2394	14833
197	0150	0902	31260	435 B	2421	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	25614	522 B	1970	14777	0000	00000	8035
0010	0944	28890	476 B	2230	14807	0068	00003	5541
0020	0932	29270	466 B	2262	14809	0122	00011	5242
0030	0933	29372	450 B	2270	14812	0174	00024	5170
0050	0926	29749	447 B	2300	14817	0275	00065	4881
0075	0916 B	30310	455	2345	14825	0392	00139	4452
0100	0905	30917	450 B	2394	14833	0498	00234	3990
0125	0901	3108 I	444 B	2408	14837	0597	00347	3859
0151	0902	31260	435 B	2421	14844	0692	00481	3738

C-REF-NO 010	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 021	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 056
LAT 48-463N	DAY 05	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-014W	HR 20.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
205	0000	0970 B	28491		2195	14810
205	0005	0947	28459		2196	14802
205	0010	0945	28964		2236	14808
205	0020	0941	29282		2261	14812
205	0030	0932	29956		2315	14819
205	0050	0927	30189		2334	14823
205	0075	0918	30368		2349	14826
205	0100	0908	30754		2381	14832
205	0150	0908	30957		2397	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0970 B	28491		2195	14810	0000	00000	5875
0010	0945	28964		2236	14808	0057	00003	5488
0020	0941	29282		2261	14812	0111	00011	5246
0030	0932	29956		2315	14819	0161	00024	4733
0050	0927	30189		2334	14823	0254	00062	4555
0075	0918	30368		2349	14826	0367	00133	4413
0100	0908	30754		2381	14832	0474	00229	4115
0126	0905	3085 I		2389	14836	0576	00347	4039
0151	0908	30957		2397	14842	0677	00488	3972

C-REF-NO 010	YR 1968	DEPTH 101	WAVES 1	XX	AIR T	VIS
CONS. NO 022	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 055
LAT 48-455N	DAY 05	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-585W	HR 21.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
211	0000	0980 B	28283		2178	14811
211	0005	0957	28164		2172	14802
211	0010	0950	28512		2200	14804
211	0020	0952	28906		2230	14812
211	0030	0933 B	29224		2258	14810
211	0050	0930	29580		2286	14817
211	0075	0923	30120		2329	14825

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	28283		2178	14811	0000	00000	6045
0010	0950	28512		2200	14804	0060	00003	5831
0020	0952	28906		2230	14812	0117	00012	5542
0030	0933 B	29224		2258	14810	0171	00025	5279
0050	0930	29580		2286	14817	0274	00067	5012
0075	0923	30120		2329	14825	0395	00144	4604



C-REF-NO 010	YR 1968	DEPTH 80	WAVES 1	XX	AIR T	VIS
CONS. NO 023	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 054
LAT 48-266N	DAY 05	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-442W	HR 23.2	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARG		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
232	0000	0980 B	30231	526 B	2329	14836
232	0005	0933	30253	481	2338	14819
232	0010	0937	30267	489 B	2339	14822
232	0020	0932	30269	489 B	2340	14821
232	0030	0934	30298	494 B	2342	14824
232	0050	0934	30410	494 B	2350	14829
232	0075	0929	30774	494 B	2379	14836

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	30231	526 B	2329	14836	0000	00000	4596
0010	0937	30267	489 B	2339	14822	0046	00002	4506
0020	0932	30269	489 B	2340	14821	0091	00009	4498
0030	0934	30298	494 B	2342	14824	0136	00021	4481
0050	0934	30410	494 B	2350	14829	0225	00057	4402
0075	0929	30774	494 B	2379	14836	0332	00125	4127

C-REF-NO 010	YR 1968	DEPTH 73	WAVES 1	XX	AIR T	VIS
CONS. NO 024	MONTH 11	MXSAMPD 00	WAVES 2	XX	WET B	STN 053
LAT 48-330N	DAY 05	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-450W	HR 23.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
239	0000	0940 B	29729		2296	14814
239	0005	0930	29705		2296	14811
239	0010	0938	29815		2303	14816
239	0020	0932	29855		2307	14816
239	0030	0935	29932		2313	14820
239	0050	0934	30047		2322	14824

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.FN	SVA
0000	0940 B	29729		2296	14814	0000	00000	4910
0010	0938	29815		2303	14816	0049	00002	4844
0020	0932	29855		2307	14816	0097	00010	4807
0030	0935	29932		2313	14820	0145	00022	4755
0050	0934	30047		2322	14824	0240	00061	4670

C-REF-NO 010	YR 1968	DEPTH 82	WAVES 1	XX	AIR T	VIS
CONS. NO 025	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 052
LAT 48-389N	DAY 06	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-434W	HR 00.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
006	0000	0860 B	29178	526 B	2265	14777
006	0005	0931	29504	490 B	2280	14809
006	0010	0937	29555	481	2283	14813
006	0020	0932	29640	489 B	2291	14813
006	0030	0934	29656	480 B	2292	14816
006	0050	0933	29762	484 B	2300	14820
006	0075	0931	29794	473 B	2303	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	29178	526 B	2265	14777	0000	00000	5207
0010	0937	29555	481	2283	14813	0051	00003	5036
0020	0932	29640	489 B	2291	14813	0102	00010	4967
0030	0934	29656	480 B	2292	14816	0151	00023	4959
0050	0933	29762	484 B	2300	14820	0250	00063	4881
0075	0931	29794	473 B	2303	14824	0372	00141	4859

C-REF-NO 010	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 026	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 051
LAT 48-467N	DAY 06	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-520W	HR 01.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
017	0000	0880 B	28024	538 B	2172	14770
017	0005	0934	28192	542 B	2178	14793
017	0010	0939	28623	495 B	2210	14801
017	0020	0933	28858	484 B	2230	14804
017	0030	0935	29090	476 B	2247	14809
017	0050	0933	29587	465 B	2286	14818
017	0075	0926 B	29100	452 B	2249	14813
017	0100	0923	30169	438 B	2333	14830
017	0150	0921	30447	433 B	2355	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	28024	538 B	2172	14770	0000	00000	6096
0010	0939	28623	495 B	2210	14801	0059	00003	5732
0020	0933	28858	484 B	2230	14804	0116	00012	5550
0030	0935	29090	476 B	2247	14809	0171	00026	5382
0050	0933	29587	465 B	2286	14818	0275	00068	5011
0075	0926 B	29100	452 B	2249	14813	0405	00152	5366
0100	0923	30169	438 B	2333	14830	0530	00262	4572
0125	0921	3030 I	432 B	2344	14835	0643	00392	4470
0151	0921	30447	433 B	2355	14841	0754	00548	4369



C-REF-NO 010	YR 1968	DEPTH 29	WAVES 1	XX	AIR T	VIS
CONS. NO 027	MONTH 11	MXSAMPD 00	WAVES 2	XX	WET B	STN 050
LAT 48-577N	DAY 06	NO.DPTH 4	WND-DIR		WW-CODE	
LON 122-561W	HR 02.8	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
028	0000	0820 B	26983		2099	14733
028	0005	0914	27421		2121	14776
028	0010	0936	28056		2167	14793
028	0020	0944	29567		2283	14817

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	26983		2099	14733	0000	00000	6794
0010	0936	28056		2167	14793	0065	00003	6150
0020	0944	29567		2283	14817	0121	00011	5038

C-REF-NO 010	YR 1968	DEPTH 141	WAVES 1	XX	AIR T	VIS
CONS. NO 028	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 049
LAT 48-547N	DAY 06	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-596W	HR 03.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
034	0000	0800 B	23964	644 B	1866	14687
034	0005	0945	26569	570 B	2050	14777
034	0010	0951	27669	516 B	2134	14794
034	0020	0941	28950	470	2235	14808
034	0030	0944	29452	484 B	2274	14817
034	0050	0939	29722	470 B	2296	14822
034	0075	0927	30054	451 B	2324	14826
034	0100	0924	30126	438 B	2330	14830

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT. EN	SVA
0000	0800 B	23964	644 B	1866	14687	0000	00000	9035
0010	0951	27669	516 B	2134	14794	0078	00003	6460
0020	0941	28950	470	2235	14808	0137	00012	5494
0030	0944	29452	484 B	2274	14817	0191	00026	5125
0050	0939	29722	470 B	2296	14822	0292	00067	4920
0075	0927	30054	451 B	2324	14826	0412	00143	4659
0100	0924	30126	438 B	2330	14830	0528	00247	4604

C-REF-NO 010	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 029	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 048
LAT 48-518N	DAY 06	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-033W	HR 04.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
040	0000	0820 B	21486		1671	14664
040	0005	0971	25629		1973	14775
040	0010	0984	27650		2128	14806
040	0020	0988	28753		2213	14823
040	0030	0942	28944		2235	14810
040	0050	0933	29681		2294	14819
040	0075	0928 B	29959		2316	14825
040	0100	0925	30075		2326	14829
040	0150	0919 B	30595		2367	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0820 B	21486		1671	14664	0000	00000	10924
0010	0984	27650		2128	14806	0087	00003	6522
0020	0988	28753		2213	14823	0148	00012	5709
0030	0942	28944		2235	14810	0205	00027	5500
0050	0933	29681		2294	14819	0309	00069	4941
0075	0928 B	29959		2316	14825	0431	00146	4731
0100	0925	30075		2326	14829	0549	00251	4644
0125	0922	3030 D		2344	14835	0663	00383	4473
0151	0919 B	30595		2367	14842	0773	00537	4256

C-REF-NO 010	YR 1968	DEPTH 188	WAVES 1 XX	AIR T	VIS
CONS. NO 030	MONTH 11	MXSAMPD 01	WAVES 2 XX	WET B	STN 047
LAT 48-493N	DAY 06	NO.DPTH 9	WND-DIR	WW-CODE	
LON 123-064W	HR 04.8	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
048	0000	0880 B	18469		1429	14649
048	0005	0956	24367		1877	14753
048	0010	0983	26478		2037	14791
048	0020	0982	27651		2128	14807
048	0030	0959 B	28665		2211	14813
048	0050	0940	29562		2283	14820
048	0075	0932 B	29990		2318	14827
048	0100	0927	30133		2330	14831
048	0150	0924	30647		2370	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	18469		1429	14649	0000	00000	13273
0010	0983	26478		2037	14791	0103	00004	7394
0020	0982	27651		2128	14807	0173	00014	6520
0030	0959 B	28665		2211	14813	0234	00030	5733
0050	0940	29562		2283	14820	0342	00073	5040
0075	0932 B	29990		2318	14827	0465	00151	4714
0100	0927	30133		2330	14831	0582	00255	4604
0125	0924	3039 I		2350	14837	0695	00385	4413
0151	0924	30647		2370	14844	0803	00537	4226



C-REF-NO 010	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 031	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 046
LAT 48-513N	DAY 06	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-107W	HR 05.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
056	0000	0880 B	16764	721 B	1296	14628
056	0005	0927	19367	694 B	1493	14680
056	0010	0963	23958	632 B	1844	14752
056	0020	0961	28505	479 B	2198	14810
056	0030	0964	28965	455 B	2233	14818
056	0050	0941	29320	455 B	2264	14818
056	0075	0933 B	30066	422 B	2324	14828
056	0100	0928	30274	405	2341	14833
056	0150	0925	30599	399 B	2366	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	16764	721 B	1296	14628	0000	00000	14564
0010	0963	23958	632 B	1844	14752	0119	00005	9249
0020	0961	28505	479 B	2198	14810	0194	00015	5854
0030	0964	28965	455 B	2233	14818	0251	00030	5517
0050	0941	29320	455 B	2264	14818	0359	00073	5222
0075	0933 B	30066	422 B	2324	14828	0483	00152	4660
0100	0928	30274	405	2341	14833	0598	00254	4500
0125	0925	3043 I	397	2354	14838	0709	00382	4390
0150	0925	30599	399 B	2366	14844	0818	00535	4263

C-REF-NO 010	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 032	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 045
LAT 48-540N	DAY 06	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-084W	HR 06.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
063	0000	0880 B	13777	716 B	1063	14591
063	0005	0952	23636	585 B	1821	14743
063	0010	0971	27854	492 B	2146	14804
063	0020	0956	28007	441 B	2160	14802
063	0030	0945	29471	410 B	2275	14818
063	0050	0940	29844	397 B	2305	14824
063	0075	0932 B	30132	428 B	2329	14829
063	0100	0923	30397	418 B	2351	14833

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	13777	716 B	1063	14591	0000	00000	16836
0010	0971	27854	492 B	2146	14804	0116	00003	6352
0020	0956	28007	441 B	2160	14802	0179	00013	6217
0030	0945	29471	410 B	2275	14818	0235	00027	5112
0050	0940	29844	397 B	2305	14824	0335	00067	4930
0075	0932 B	30132	428 B	2329	14829	0454	00143	4608
0100	0923	30397	418 B	2351	14833	0567	00244	4401

C-REF-NO 010	YR 1968	DEPTH 121	WAVES 1	XX	AIR T	VIS
CONS. NO 033	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 044
LAT 48-568N	DAY 06	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-059W	HR 07.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
070	0000	0890 B	22944	628 B	1775	14709
070	0005	0920	26236	560 B	2027	14763
070	0010	0951	28747	471 B	2218	14808
070	0020	0939	29363	453 B	2268	14812
070	0030	0939	29559	450 B	2283	14817
070	0050	0935	29861	453 B	2307	14822
070	0075	0933 B	29949	445 B	2314	14827
070	0100	0933	30068	426 B	2324	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0890 B	22944	628 B	1775	14709	0000	00000	9912
0010	0951	28747	471 B	2218	14808	0078	00003	5657
0020	0939	29363	453 B	2268	14812	0132	00011	5183
0030	0939	29559	450 B	2283	14817	0184	00024	5038
0050	0935	29861	453 B	2307	14822	0282	00064	4811
0075	0933 B	29949	445 B	2314	14827	0402	00141	4745
0100	0933	30068	426 B	2324	14832	0520	00246	4661

C-REF-NO 010	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 034	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 043
LAT 49-033N	DAY 06	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-224W	HR 08.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
085	0000	0860 B	16642		1289	14619
085	0005	0942	22357		1723	14723
085	0010	0993	26101		2006	14790
085	0020	0952	28950		2234	14812
085	0030	0931	29605		2288	14814
085	0050	0941	30036		2320	14827
085	0075	0934 B	30240		2337	14831
085	0100	0931 B	30413		2351	14836
085	0150	0924 B	30699		2374	14845
085	0200	0907	30991		2400	14851
085	0225	0903	31041		2404	14854

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	16642		1289	14619	0000	00000	14635
0010	0993	26101		2006	14790	0111	00004	7690
0020	0952	28950		2234	14812	0177	00013	5509
0030	0931	29605		2288	14814	0230	00027	4993
0050	0941	30036		2320	14827	0327	00066	4689
0075	0934 B	30240		2337	14831	0443	00140	4530
0100	0931 B	30413		2351	14836	0555	00240	4402
0125	0928 B	30561		2363	14841	0664	00365	4291
0151	0924 B	30699		2374	14845	0771	00515	4187
0176	0915	3086 D		2388	14848	0874	00687	4057
0201	0907	30991		2400	14851	0975	00880	3953
0226	0903	31041		2404	14854	1074	01095	3913



C-REF-NO 010	YR 1968	DEPTH 324	WAVES 1	XX	AIR T	VIS
CONS. NO 035	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 042
LAT 49-018N	DAY 06	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-262W	HR 09.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
091	0000	0800 B	11185	744 B	0869	14527
091	0005	0931	23139	656 B	1785	14728
091	0010	0995	26418	620 B	2031	14795
091	0020	0978	28330	511 B	2182	14814
091	0030	0947	29279	427 B	2260	14816
091	0050	0933	29736	403 B	2298	14820
091	0075	0936 B	30220	397 B	2335	14831
091	0100	0929	30414	408 B	2351	14835
091	0150	0922	30762	352 B	2380	14845
091	0200	0909	30965	321	2397	14851
091	0250	0903	31049	345	2405	14858
091	0300	0902	31109	328	2410	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	11185	744 B	0869	14527	0000	00000	18742
0010	0995	26418	620 B	2031	14795	0130	00004	7456
0020	0978	28330	511 B	2182	14814	0198	00014	6010
0030	0947	29279	427 B	2260	14816	0254	00028	5258
0050	0933	29736	403 B	2298	14820	0356	00069	4900
0075	0936 B	30220	397 B	2335	14831	0475	00144	4549
0100	0929	30414	408 B	2351	14835	0587	00244	4398
0125	0925	3060 B	385 C	2366	14840	0696	00369	4258
0151	0922	30762	352 B	2380	14845	0801	00517	4138
0176	0915	30880	331	2390	14848	0904	00688	4044
0201	0909	30965	321	2397	14851	1005	00881	3975
0226	0905	3101 B	332 B	2402	14854	1104	01097	3935
0251	0903	31049	345	2405	14858	1203	01337	3910
0301	0902	31109	328	2410	14867	1399	01888	3873

C-REF-NO 010	YR 1968	DEPTH 214	WAVES 1	XX	AIR T	VIS
CONS. NO 036	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 041
LAT 49-003N	DAY 06	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-299W	HR 09.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
098	0000	0910 B	19732		1523	14677
098	0005	0948	22502		1733	14727
098	0010	0999	26429		2031	14796
098	0020	0975	28557		2200	14816
098	0030	0969	28922		2229	14820
098	0050	0956	29255		2257	14822
098	0075	0936 B	29900		2310	14827
098	0100	0929	30440		2353	14835
098	0150	0921	30827		2385	14846
098	0200	0913	30922		2393	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0910 B	19732		1523	14677	0000	00000	12354
0010	0999	26429		2031	14796	0099	00004	7453
0020	0975	28557		2200	14816	0165	00014	5836
0030	0969	28922		2229	14820	0223	00028	5556
0050	0956	29255		2257	14822	0331	00072	5292
0075	0936 B	29900		2310	14827	0458	00152	4787
0100	0929	30440		2353	14835	0573	00254	4379
0125	0924	3063 I		2369	14840	0681	00379	4233
0151	0921	30827		2385	14846	0786	00525	4088
0176	0917	3091 B		2393	14849	0887	00695	4016
0201	0913	30922		2393	14852	0988	00888	4012

C-REF-NO 010	YR 1968	DEPTH 155	WAVES 1	XX	AIR T	VIS
CONS. NO 037	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 040
LAT 49-086N	DAY 06	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-368W	HR 10.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
108	0000	0910 B	23972		1853	14730
108	0005	0980	26152		2012	14785
108	0010	1000	27025		2077	14804
108	0020	0988	28097		2162	14815
108	0030	0972	28666		2209	14818
108	0050	0962	28956		2233	14821
108	0075	0939	29646		2290	14825
108	0100	0931	30202		2334	14833
108	0135	0923 B	30700		2375	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0910 B	23972		1853	14730	0000	00000	9167
0010	1000	27025		2077	14804	0081	00004	7011
0020	0988	28097		2162	14815	0147	00013	6198
0030	0972	28666		2209	14818	0207	00029	5751
0050	0962	28956		2233	14821	0320	00075	5523
0075	0939	29646		2290	14825	0452	00158	4980
0100	0931	30202		2334	14833	0571	00264	4559
0125	0925	30590		2366	14840	0682	00391	4265



C-REF-NO 010	YR 1968	DEPTH 379	WAVES 1	XX	AIR T	VIS
CONS. NO 038	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 039
LAT 49-098N	DAY 06	NO.DPTH 13	WND-DIR		WW-CODE	
LON 123-330W	HR 11.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
115	0000	0930 B	24647	653 B	1902	14746
115	0005	0980	25851	623 B	1989	14781
115	0010	0991	27429	608 B	2110	14806
115	0020	0989	27849	591 B	2143	14812
115	0030	0979	28528	530 B	2197	14818
115	0050	0961	29005	485 B	2237	14821
115	0075	0936 B	29956	372 B	2315	14828
115	0100	0930	30403	357 B	2350	14835
115	0150	0923	30809	347 B	2383	14846
115	0200	0903	30920	349	2395	14848
115	0250	0895	30971	341 B	2400	14854
115	0300	0906	31056	341 B	2405	14867
115	0350	0901	31151	333 B	2413	14875

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	24647	653 B	1902	14746	0000	00000	8688
0010	0991	27429	608 B	2110	14806	0077	00003	6698
0020	0989	27849	591 B	2143	14812	0143	00013	6383
0030	0979	28528	530 B	2197	14818	0204	00029	5864
0050	0961	29005	485 B	2237	14821	0318	00075	5485
0075	0936 B	29956	372 B	2315	14828	0446	00156	4745
0100	0930	30403	357 B	2350	14835	0561	00258	4408
0125	0927	3060 I	350 B	2367	14841	0670	00383	4256
0151	0923	30809	347 B	2383	14846	0775	00530	4104
0176	0913	3088 C	348	2391	14847	0877	00700	4034
0201	0903	30920	349	2395	14848	0978	00894	3999
0226	0897	3094 B	345	2398	14850	1078	01112	3973
0251	0895	30971	341 B	2400	14854	1178	01354	3957
0301	0906	31056	341 B	2405	14867	1376	01911	3918



C-REF-NO 010	YR 1968	DEPTH 315	WAVES 1 XX	AIR T	VIS
CONS. NO 039	MONTH 11	MXSAMPD 03	WAVES 2 XX	WET B	STN 038
LAT 49-119N	DAY 06	NO.DPTH 12	WND-DIR	WW-CODE	
LON 123-263W	HR 12.3	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
123	0000	0750 B	21339		1667	14634
123	0005	0941	23636		1822	14738
123	0010	0992	25707		1976	14785
123	0020	0996	27845		2141	14815
123	0030	0969	28794		2219	14818
123	0050	0943	29513		2279	14821
123	0075	0934 B	29965		2316	14827
123	0100	0935	30378		2348	14837
123	0150	0926 B	30837		2385	14848
123	0200	0917	30949		2395	14854
123	0250	0907	31006		2401	14859
123	0300	0904	31084		2407	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0750 B	21339		1667	14634	0000	00000	10957
0010	0992	25707		1976	14785	0095	00004	7982
0020	0996	27845		2141	14815	0167	00015	6396
0030	0969	28794		2219	14818	0227	00030	5652
0050	0943	29513		2279	14821	0335	00073	5081
0075	0934 B	29965		2316	14827	0458	00151	4736
0100	0935	30378		2348	14837	0573	00254	4434
0125	0931	3066 B		2370	14843	0682	00379	4223
0151	0926 B	30837		2385	14848	0786	00525	4088
0176	0922	3091 D		2392	14851	0888	00694	4023
0201	0917	30949		2395	14854	0989	00888	3998
0226	0912	30980		2398	14856	1089	01106	3972
0251	0907	31006		2401	14859	1188	01348	3948
0301	0904	31084		2407	14867	1386	01902	3893

C-REF-NO 010	YR 1968	DEPTH 219	WAVES 1	XX	AIR T	VIS
CONS. NO 040	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 037
LAT 49-136N	DAY 06	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-207W	HR 13.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
130	0000	0790 B	21333		1662	14650
130	0005	0936	23115		1783	14730
130	0010	0995	26471		2035	14795
130	0020	0979	28070		2161	14811
130	0030	0952	29142		2249	14816
130	0050	0921	29880		2311	14817
130	0075	0934	30210		2335	14830
130	0100	0929	30366		2348	14835
130	0150	0923	30717		2376	14845
130	0200	0914	30921		2393	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0790 B	21333		1662	14650	0000	00000	11005
0010	0995	26471		2035	14795	0092	00004	7416
0020	0979	28070		2161	14811	0160	00014	6204
0030	0952	29142		2249	14816	0218	00028	5368
0050	0921	29880		2311	14817	0320	00069	4776
0075	0934	30210		2335	14830	0437	00144	4554
0100	0929	30366		2348	14835	0550	00245	4433
0125	0926	3054 C		2362	14840	0660	00371	4298
0151	0923	30717		2376	14845	0766	00520	4172
0176	0919	30835		2386	14849	0870	00692	4082
0201	0914	30921		2393	14852	0971	00887	4015

C-REF-NO 010	YR 1968	DEPTH 165	WAVES 1 XX	AIR T	VIS
CONS. NO 041	MONTH 11	MXSAMPD 01	WAVES 2 XX	WET B	STN 036
LAT 49-190N	DAY 06	NO.DPTH 9	WND-DIR	WW-CODE	
LON 123-200W	HR 13.8	W-COLOR	WND-SPD	CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
138	0000	0810 B	23111	573 B	1799	14680
138	0005	0904	23293	574 B	1801	14720
138	0010	0951	24975	520 B	1925	14760
138	0020	0947	29284	410 B	2261	14814
138	0030	0931	29640	397 B	2291	14815
138	0050	0942	29986	422 B	2316	14826
138	0075	0937 B	30128	429	2328	14830
138	0100	0934	30286	407 B	2341	14835
138	0150	0921	30799	345 B	2383	14845

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0810 B	23111	573 B	1799	14680	0000	00000	9688
0010	0951	24975	520 B	1925	14760	0091	00004	8471
0020	0947	29284	410 B	2261	14814	0159	00014	5253
0030	0931	29640	397 B	2291	14815	0211	00027	4967
0050	0942	29986	422 B	2316	14826	0308	00067	4728
0075	0937 B	30128	429	2328	14830	0425	00141	4619
0100	0934	30286	407 B	2341	14835	0540	00244	4501
0125	0928	30513	380 B	2359	14840	0651	00371	4328
0151	0921	30799	345 B	2383	14845	0757	00520	4109

C-REF-NO 010	YR 1968	DEPTH 249	WAVES 1	XX	AIR T	VIS
CONS. NO 042	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 035
LAT 49-238N	DAY 06	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-175W	HR 14.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
146	C000	0720 B	21601	644 B	1691	14625
146	0005	0874	21985	624 B	1703	14692
146	0010	0936	23885	543 B	1842	14740
146	0020	0944	28103	430 B	2169	14798
146	0030	0932	29634	400 B	2290	14815
146	0050	0940	29955	376 B	2314	14825
146	C075	0941 B	30179	375 B	2331	14833
146	0100	0937	30310	366 B	2342	14837
146	0150	0936	30541	347 B	2360	14848
146	C200		30853	304 B		

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	21601	644 B	1691	14625	0000	00000	10728
0010	0936	23885	543 B	1842	14740	0100	00005	9266
0020	0944	28103	430 B	2169	14798	0177	00016	6127
0030	0932	29634	400 B	2290	14815	0232	00030	4973
0050	0940	29955	376 B	2314	14825	0330	00069	4748
0075	0941 B	30179	375 B	2331	14833	0447	00144	4587
0100	C937	30310	366 B	2342	14837	0561	00245	4487
0125	0936	3042 B	358 B	2351	14842	0673	00374	4405
0151	0936	30541	347 B	2360	14848	0782	00528	4322



C-REF-NO 010	YR 1968	DEPTH 194	WAVES 1	XX	AIR T	VIS
CONS. NO 043	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 034
LAT 49-305N	DAY 06	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-197W	HR 15.6	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
156	0000	0700 B	20340		1595	14601
156	0005	0868	20455		1585	14670
156	0010	0968	24200		1862	14757
156	0020	0960	28817		2222	14813
156	0030	0934	29511		2280	14814
156	0050	0915	29929		2316	14816
156	0075	0929	30177		2333	14828
156	0100	0943	30337		2343	14839
156	0150	0905 B	30526		2364	14836
156	0200	0888	30799		2388	14841

\*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	20340		1595	14601	0000	00000	11662
0010	0968	24200		1862	14757	0103	00005	9074
0020	0960	28817		2222	14813	0177	00015	5620
0030	0934	29511		2280	14814	0231	00028	5068
0050	0915	29929		2316	14816	0329	00068	4731
0075	0929	30177		2333	14828	0446	00143	4570
0100	0943	30337		2343	14839	0559	00244	4477
0125	0928 C	3043 D		2353	14839	0671	00372	4383
0151	0905 B	30526		2364	14836	0779	00525	4287
0176	0895 B	30655		2375	14838	0886	00702	4180
0201	0888	30799		2388	14841	0989	00900	4067

C-REF-NO 010	YR 1968	DEPTH 170	WAVES 1	XX	AIR T	VIS
CONS. NO 044	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 033
LAT 49-325N	DAY 06	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-163W	HR 16.3	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP.	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
163	0000	0790 B	21254	628 B	1656	14649
163	0005	0849	21623	613 B	1678	14678
163	0010	0913	24676	514 B	1907	14742
163	0020	0955	28982	368 B	2236	14814
163	0030	0931	29594	347 B	2287	14814
163	0050	0935	29997	357	2318	14824
163	0075	0917	30174	334 B	2334	14823
163	0100	0931	30303	298 B	2342	14834
163	0150	0934	30479	270 B	2356	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0790 B	21254	628 B	1656	14649	0000	00000	11065
0010	0913	24676	514 B	1907	14742	0098	00004	8643
0020	0955	28982	368 B	2236	14814	0169	00014	5490
0030	0931	29594	347 B	2287	14814	0222	00028	5001
0050	0935	29997	357	2318	14824	0319	00067	4709
0075	0917	30174	334 B	2334	14823	0436	00141	4556
0100	0931	30303	298 B	2342	14834	0549	00243	4484
0125	0934	30406	278 B	2350	14841	0661	00371	4415
0151	0934	30479	270 B	2356	14846	0771	00526	4365

C-REF-NO 010	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 045	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 032
LAT 49-387N	DAY 06	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-144W	HR 17.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
172	0000	0870 B	24237	497 B	1879	14718
172	0005	0956	26582	273 B	2049	14781
172	0010	0977	28154	224	2168	14810
172	0020	0927	29168	253 B	2255	14805
172	0030	0892	29448	180	2282	14797
172	0050	0872	29938	214	2323	14799
172	0075	0869	30130	273	2338	14805
172	0100	0884	30212	236 B	2342	14816
172	0150	0871 B	30139	152 B	2339	14818
172	0200		30281	103 B		

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	24237	497 B	1879	14718	0000	00000	8916
0010	0977	28154	224	2168	14810	0075	00003	6137
0020	0927	29168	253 B	2255	14805	0133	00012	5311
0030	0892	29448	180	2282	14797	0185	00025	5054
0050	0872	29938	214	2323	14799	0282	00064	4664
0075	0869	30130	273	2338	14805	0398	00138	4519
0100	0884	30212	236 B	2342	14816	0511	00239	4482
0125	0883	3017 I	193 B	2340	14819	0623	00369	4511
0151	0871 B	30139	152 B	2339	14818	0737	00529	4525

C-REF-NO 010	YR 1968	DEPTH 236	WAVES 1	XX	AIR T	VIS
CUNS. NO 046	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 031
LAT 49-314N	DAY 06	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-111W	HR 18.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
184	0000	0850 B	19449	597 B	1508	14650
184	0005	0929	21766	472 B	1679	14710
184	0010	1015	26665	403 B	2047	14805
184	0020	0967	28882	297	2226	14817
184	0030	0931	29505	318	2280	14813
184	0050	0902	29873	315	2313	14810
184	0075	0913	30151	326	2333	14822
184	0100	0921	30285	297	2342	14830
184	0150	0913	30485	337 B	2359	14838
184	0200		30795	222		

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	19449	597 B	1508	14650	0000	00000	12497
0010	1015	26665	403 B	2047	14805	0099	00004	7301
0020	0967	28882	297	2226	14817	0163	00013	5582
0030	0931	29505	318	2280	14813	0217	00027	5067
0050	0902	29873	315	2313	14810	0315	00067	4753
0075	0913	30151	326	2333	14822	0432	00141	4567
0100	0921	30285	297	2342	14830	0546	00242	4483
0125	0921	3038 C	319 D	2350	14836	0658	00371	4412
0151	0913	30485	337 B	2359	14838	0767	00525	4329



C-REF-NO 010	YR 1968	DEPTH 256	WAVES 1	XX	AIR T	VIS
CONS. NO 047	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 030
LAT 49-253N	DAY 06	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-222W	HR 19.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
196	0000	0870 B	21217		1644	14680
196	0005	0889	21776		1685	14695
196	0010	0966	25360		1953	14770
196	0020	0955	28889		2229	14812
196	0030	0942	29616		2287	14818
196	0050	0933	29928		2313	14822
196	0075	0925	30161		2332	14826
196	0100	0925	30321		2345	14832
196	0150	0933	30540		2361	14846
196	0200	0896	30818		2388	14844
196	0235	0905	30997		2400	14856

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	21217		1644	14680	0000	00000	11187
0010	0966	25360		1953	14770	0097	00004	8204
0020	0955	28889		2229	14812	0166	00014	5559
0030	0942	29616		2287	14818	0219	00027	5001
0050	0933	29928		2313	14822	0317	00067	4758
0075	0925	30161		2332	14826	0434	00142	4577
0100	0925	30321		2345	14832	0547	00243	4462
0125	0931	3043 C		2353	14840	0658	00371	4389
0151	0933	30540		2361	14846	0768	00524	4318
0176	0914 B	30677		2374	14845	0875	00702	4192
0201	0896	30818		2388	14844	0978	00901	4065
0226	0900	30946		2397	14852	1080	01121	3980

C-REF-NO 010	YR 1968	DEPTH 179	WAVES 1	XX	AIR T	VIS
CONS. NO 048	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 029
LAT 49-235N	DAY 06	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-253W	HR 20.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
201	0000	0890 B	21361	661 B	1652	14689
201	0005	0868	21369	651 B	1656	14682
201	0010	0962	24270	586 B	1869	14755
201	0020	0965	28002	408	2158	14805
201	0030	0941	29590	379 B	2285	14818
201	0050	0932	29970	375 B	2316	14822
201	0075	0928 B	30181	373 B	2333	14828
201	0100	0916	30306	361 B	2345	14829
201	0150	0928	30505	346 B	2359	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0890 B	21361	661 B	1652	14689	0000	00000	11103
0010	0962	24270	586 B	1869	14755	0100	00005	9013
0020	0965	28002	408	2158	14805	0177	00016	6234
0030	0941	29590	379 B	2285	14818	0233	00030	5018
0050	0932	29970	375 B	2316	14822	0331	00069	4726
0075	0928 B	30181	373 B	2333	14828	0448	00143	4566
0100	0916	30306	361 B	2345	14829	0561	00245	4459
0125	0917	30418	353 B	2353	14835	0672	00372	4382
0151	0928	30505	346 B	2359	14844	0781	00526	4337

C-REF-NO 010	YR 1968	DEPTH 336	WAVES 1	XX	AIR T	VIS
CONS. NO 049	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 079
LAT 49-174N	DAY 06	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-350W	HR 21.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
214	0000	0900 B	25130		1944	14741
214	0005	0969	26987		2079	14791
214	0010	0988	27327		2102	14803
214	0020	0989	28117		2163	14815
214	0030	0958	28013		2160	14804
214	0050	0930	29754		2300	14819
214	0075	0929	30116		2328	14827
214	0100	0927	30463		2355	14835
214	0150	0926	30745		2378	14846
214	0200	0914	30938		2394	14853
214	0250	0907	31028		2403	14859
214	0300	0905	31089		2408	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	25130		1944	14741	0000	00000	8286
0010	0988	27327		2102	14803	0075	00003	6769
0020	0989	28117		2163	14815	0140	00013	6184
0030	0958	28013		2160	14804	0202	00029	6217
0050	0930	29754		2300	14819	0314	00073	4883
0075	0929	30116		2328	14827	0433	00149	4617
0100	0927	30463		2355	14835	0546	00249	4360
0125	0927	3060 I		2366	14841	0654	00374	4258
0151	0926	30745		2378	14846	0760	00522	4156
0176	0920	30853		2387	14850	0863	00694	4070
0201	0914	30938		2394	14853	0964	00889	4003
0226	0910	30991		2399	14856	1064	01106	3960
0251	0907	31028		2403	14859	1164	01347	3932
0301	0905	31089		2408	14867	1360	01901	3892

C-REF-NO 010	YR 1968	DEPTH 137	WAVES 1	XX	AIR T	VIS
CONS. NO 050	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 028
LAT 49-241N	DAY 06	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-454W	HR 22.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
224	0000	0940 B	24477		1888	14748
224	0005	0955	25375		1955	14766
224	0010	0986	26547		2042	14793
224	0020	0960	28821		2223	14813
224	0030	0928	29717		2297	14814
224	0050	0925	29917		2313	14819
224	0075	0938	30253		2337	14832
224	0100	0934	30343		2345	14836

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	24477		1888	14748	0000	00000	8829
0010	0986	26547		2042	14793	0081	00004	7347
0020	0960	28821		2223	14813	0146	00013	5617
0030	0928	29717		2297	14814	0199	00027	4905
0050	0925	29917		2313	14819	0296	00066	4754
0075	0938	30253		2337	14832	0412	00140	4527
0100	0934	30343		2345	14836	0525	00241	4459



C-REF-NO 010	YR 1968	DEPTH	5	WAVES 1	XX	AIR T	VIS
CONS. NO 051	MONTH 11	MXSAMPD	03	WAVES 2	XX	WET B	STN 027
LAT 49-190N	DAY 06	NO.DPTH	13	WND-DIR		WW-CODE	
LON 123-482W	HR 23.2	W-COLOR		WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP		BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
232	0000	0880 B	24312	693 B	1883	14723
232	0005	0911	25222	666 B	1950	14747
232	0010	0977	26482	626 B	2038	14789
232	0020	0975	28187	507 B	2171	14811
232	0030	0943	29364	417 B	2267	14816
232	0050	0922	29888	365 B	2311	14818
232	0075	0933	30194	357	2334	14830
232	0100	0937	30482	363 B	2355	14839
232	0150	0913	30785	345 B	2383	14842
232	0200	0905	30925	341 B	2395	14849
232	0250	0897	31016	339 B	2403	14855
232	0300	0897	31078	331	2408	14864
232	0325	0900	31109	339 B	2410	14870

\*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0880 B	24312	693 B	1883	14723	0000	00000	8873
0010	0977	26482	626 B	2038	14789	0081	00004	7381
0020	0975	28187	507 B	2171	14811	0149	00014	6111
0030	0943	29364	417 B	2267	14816	0206	00028	5189
0050	0922	29888	365 B	2311	14818	0306	00068	4771
0075	0933	30194	357	2334	14830	0423	00143	4564
0100	0937	30482	363 B	2355	14839	0535	00243	4361
0125	0927 B	3066 C	356 B	2371	14842	0642	00367	4211
0151	0913	30785	345 B	2383	14842	0747	00513	4107
0176	0908	3086 B	342 B	2390	14845	0849	00683	4041
0201	0905	30925	341 B	2395	14849	0950	00877	3998
0226	0900	30975	340 B	2399	14852	1050	01095	3959
0251	0897	31016	339 B	2403	14855	1149	01336	3927
0301	0897	31078	331	2408	14864	1346	01889	3888

C-REF-NO 010	YR 1968	DEPTH 229	WAVES 1	XX	AIR T	VIS
CONS. NO 052	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 026
LAT 49-143N	DAY 07	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-508W	HR 00.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
001	0000	0900 B	25005		1934	14739
001	0005	0951	25886		1996	14771
001	0010	0969	26989		2079	14792
001	0020	0985	28229		2173	14815
001	0030	0977	28617		2204	14819
001	0050	0987	28360		2183	14823
001	0075	0946	29417		2271	14825
001	0100	0931 C	30066		2324	14831
001	0150	0925	30743		2378	14846
001	0200	0911	30864		2389	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	25005		1934	14739	0000	00000	8380
0010	0969	26989		2079	14792	0077	00004	6993
0020	0985	28229		2173	14815	0142	00013	6095
0030	0977	28617		2204	14819	0202	00029	5795
0050	0987	28360		2183	14823	0320	00077	6004
0075	0946	29417		2271	14825	0460	00165	5160
0100	0931 C	30066		2324	14831	0584	00275	4660
0125	0926 B	3049 D		2358	14839	0697	00404	4341
0151	0925	30743		2378	14846	0803	00554	4156
0176	0918	30876		2389	14849	0906	00725	4050
0201	0911	30864		2389	14850	1008	00920	4052

C-REF-NO 010	YR 1968	DEPTH 293	WAVES 1	XX	AIR T	VIS
CONS. NO 053	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 025
LAT 49-276N	DAY 07	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-074W	HR 01.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
018	0000	0790 B	23348		1820	14675
018	0005	0903	24209		1872	14731
018	0010	0946	25683		1981	14767
018	0020	0974	28441		2191	14814
018	0030	0960	28711		2214	14814
018	0050	0929	29740		2299	14818
018	0075	0938 B	30203		2333	14832
018	0100	0933	30457		2354	14837
018	0150	0928 B	30666		2371	14846
018	0200	0885	30765		2385	14839
018	0250	0881	30896		2396	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0790 B	23348		1820	14675	0000	00000	9486
0010	0946	25683		1981	14767	0087	00004	7934
0020	0974	28441		2191	14814	0156	00014	5921
0030	0960	28711		2214	14814	0215	00029	5700
0050	0929	29740		2299	14818	0321	00072	4892
0075	0938 B	30203		2333	14832	0440	00147	4565
0100	0933	30457		2354	14837	0552	00247	4373
0125	0932 B	3059 D		2365	14843	0660	00372	4273
0151	0928 B	30666		2371	14846	0767	00522	4217
0176	0906 B	3072 B		2379	14843	0872	00696	4150
0201	0885	30765		2385	14839	0976	00895	4087
0226	0880	30829		2391	14842	1078	01117	4035
0251	0881	30896		2396	14848	1179	01362	3991



C-REF-NO 010	YR 1968	DEPTH 435	WAVES 1	XX	AIR T	VIS
CONS. NO 054	MONTH 11	MXSAMPD 04	WAVES 2	XX	WET B	STN 024
LAT 49-303N	DAY 07	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-060W	HR 02.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
024	0000	0770 B	23977	687 B	1871	14675
024	0005	0929	25151	645 B	1942	14753
024	0010	0992		601 B		
024	0020	0972		530 B		
024	0030	0948	28099	445 B	2168	14804
024	0050	0932	29921	367	2312	14824
024	0075	0937 B	30282	389 B	2340	14835
024	0100	0934	30456	383 B	2354	14840
024	0150	0922 B	30667	334 B	2372	14846
024	0200	0880	30783	277	2388	14840
024	0250	0889	30977	331 B	2401	14854
024	0300	0899	31094	328 B	2409	14868
024	0400	0900	31183	318 B	2416	14886

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0770 B	23977	687 B	1871	14675	0000	00000	8989
0010	0992	2582 D	601 B	1985	14786	0084	00004	7897
0020	0972	2692 I	530 B	2073	14794	0159	00015	7049
0030	0948	28099	445 B	2168	14801	0225	00032	6138
0050	0932	29921	367	2312	14822	0335	00075	4762
0075	0937 B	30282	389 B	2340	14832	0451	00149	4504
0100	0934	30456	383 B	2354	14838	0562	00248	4375
0125	0930	3057 B	362 B	2364	14842	0671	00373	4282
0151	0922 B	30667	334 B	2372	14844	0778	00523	4207
0176	0900 B	3072 C	299 B	2380	14840	0883	00697	4133
0201	0880	30783	277	2388	14838	0986	00895	4067
0226	0881	3088 B	301 C	2395	14844	1087	01115	4000
0251	0889	30977	331 B	2401	14852	1187	01358	3943
0301	0899	31094	328 B	2409	14865	1383	01911	3879
0402	0900	31183	318 B	2416	14883	1771	03300	3830



C-REF-NO 010	YR 1968	DEPTH 379	WAVES 1	XX	AIR T	VIS
CONS. NO 055	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 023
LAT 49-351N	DAY 07	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-096W	HR 03.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
033	0000	0880 B	24912		1930	14730
033	0005	0927	24285		1875	14741
033	0010	0987	25890		1991	14785
033	0020	0983	28075		2161	14813
033	0030	0955	28861		2226	14814
033	0050	0930	29813		2304	14820
033	0075	0938	30380		2347	14834
033	0100	0936	30511		2358	14839
033	0150	0930	30641		2369	14847
033	0200	0882	30726		2383	14838
033	0250	0881	30918		2398	14848
033	0300	0891	31064		2408	14862
033	0350	0896	31126		2412	14873

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	24912		1930	14730	0000	00000	8423
0010	0987	25890		1991	14785	0081	00004	7838
0020	0983	28075		2161	14813	0152	00014	6206
0030	0955	28861		2226	14814	0211	00029	5581
0050	0930	29813		2304	14820	0315	00071	4839
0075	0938	30380		2347	14834	0432	00145	4434
0100	0936	30511		2358	14839	0542	00243	4337
0125	0936	3059 B		2364	14844	0650	00368	4282
0151	0930	30641		2369	14847	0757	00518	4239
0176	0906 B	3068 B		2376	14842	0863	00694	4178
0201	0882	30726		2383	14838	0967	00894	4112
0226	0878	3081 B		2391	14841	1069	01116	4041
0251	0881	30918		2398	14848	1170	01361	3976
0301	0891	31064		2408	14862	1368	01918	3889

C-REF-NO 010	YR 1968	DEPTH 358	WAVES 1	XX	AIR T	VIS
CONS. NO 056	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 022
LAT 49-402N	DAY 07	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-163W	HR 04.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
045	0000	0950 B	25447		1962	14764
045	0005	0956	25051		1930	14762
045	0010	1009	27059		2078	14808
045	0020	0968	28445		2192	14812
045	0030	0948	28984		2237	14813
045	0050	0933	29975		2317	14823
045	0075	0938 B	30295		2341	14833
045	0100	0937	30434		2352	14838
045	0150	0932	30590		2365	14847
045	0200	0875	30721		2383	14835
045	0250	0876	30889		2396	14846
045	0300	0892	31085		2409	14862

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0950 B	25447		1962	14764	0000	00000	8117
0010	1009	27059		2078	14808	0076	00004	7001
0020	0968	28445		2192	14812	0140	00013	5909
0030	0948	28984		2237	14813	0197	00028	5479
0050	0933	29975		2317	14823	0300	00069	4722
0075	0938 B	30295		2341	14833	0416	00142	4496
0100	0937	30434		2352	14838	0527	00242	4396
0125	0938	3052 B		2358	14844	0637	00368	4334
0151	0932	30590		2365	14847	0745	00520	4280
0176	0903 B	30655		2374	14841	0851	00697	4192
0201	0875	30721		2383	14835	0956	00897	4106
0226	0871	30801		2390	14839	1058	01120	4044
0251	0876	30889		2396	14846	1159	01365	3939
0301	0892	31085		2409	14862	1357	01921	3874

C-REF-NO 010	YR 1968	DEPTH 342	WAVES 1	XX	AIR T	VIS
CONS. NO 057	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 021
LAT 49-437N	DAY 07	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-220W	HR 05.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
054	0000	0890 B	23468		1816	14716
054	0005	0963	25334		1951	14768
054	0010	0963	25989		2002	14777
054	0020	0962	28000		2158	14804
054	0030	0954	28708		2215	14811
054	0050	0913	29935		2316	14815
054	0075	0942	30310		2341	14835
054	0100	0938	30494		2356	14840
054	0150	0900	30604		2371	14835
054	0200	0873	30741		2385	14835
054	0250	0872	30872		2396	14844
054	0300	0886	31044		2407	14860
054	0325	0890	31086		2410	14866

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0890 B	23468		1816	14716	0000	00000	9519
0010	0963	25989		2002	14777	0086	00004	7730
0020	0962	28000		2158	14804	0156	00014	6232
0030	0954	28708		2215	14811	0216	00029	5694
0050	0913	29935		2316	14815	0320	00071	4723
0075	0942	30310		2341	14835	0436	00145	4491
0100	0938	30494		2356	14840	0547	00244	4353
0125	0921	3054 I		2363	14838	0656	00368	4290
0151	0900	30604		2371	14835	0763	00519	4223
0176	0884	30671		2378	14834	0868	00694	4153
0201	0873	30741		2385	14834	0971	00892	4088
0226	0870	30804		2391	14838	1074	01114	4040
0251	0872	30872		2396	14844	1175	01360	3996
0301	0886	31044		2407	14860	1373	01918	3897



C-REF-NO 010	YR 1968	DEPTH 316	WAVES 1	XX	AIR T	VIS
CONS. NO 058	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 020
LAT 49-472N	DAY 07	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-323W	HR 06.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
066	0000	0900 B	23789	668 B	1840	14724
066	0005	0956	25311	649 B	1950	14765
066	0010	0949	26862	630 B	2072	14783
066	0020	0962	27900	562 B	2151	14803
066	0030	0945	28811	449 B	2224	14809
066	0050	0924	29982	350 B	2318	14820
066	0075	0937 B	30314	348 B	2342	14833
066	0100	0939	30478	343 B	2355	14840
066	0150	0910	30621	314 B	2370	14839
066	0200	0869	30717	274 B	2384	14833
066	0250	0870	30862	270 B	2395	14843
066	0300	0884	31031	287	2406	14859

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0900 B	23789	668 B	1840	14724	0000	00000	9291
0010	0949	26862	630 B	2072	14783	0082	00004	7058
0020	0962	27900	562 B	2151	14803	0149	00014	6306
0030	0945	28811	449 B	2224	14809	0208	00029	5603
0050	0924	29982	350 B	2318	14820	0312	00070	4704
0075	0937 B	30314	348 B	2342	14833	0427	00143	4481
0100	0939	30478	343 B	2355	14840	0538	00243	4366
0125	0928	3056 C	331 B	2363	14841	0647	00367	4287
0151	0910	30621	314 B	2370	14839	0754	00518	4224
0176	0888	3066 B	292 B	2377	14835	0859	00693	4159
0201	0869	30717	274 B	2384	14833	0963	00892	4099
0226	0866	30785	268 B	2390	14837	1065	01114	4048
0251	0870	30862	270 B	2395	14843	1166	01360	4000
0301	0884	31031	287	2406	14859	1365	01919	3903



C-REF-NO 010	YR 1968	DEPTH 265	WAVES 1	XX	AIR T	VIS
CONS. NO 059	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 019
LAT 50-011N	DAY 07	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-527W	HR 08.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
083	0000	0870 B	24445		1895	14720
083	0005	0947	25344		1954	14762
083	0010	0999	27736		2132	14813
083	0020	0941	28534		2203	14803
083	0030	0919 B	28960		2240	14801
083	0050	0899	29612		2293	14805
083	0075	0888	30238		2344	14813
083	0100	0877	30397		2358	14815
083	0150	0867 B	30517		2369	14821
083	0200	0860	30549		2372	14827
083	0225	0859	30560		2373	14831

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	24445		1895	14720	0000	00000	8760
0010	0999	27736		2132	14813	0076	00003	6481
0020	0941	28534		2203	14803	0138	00013	5803
0030	0919 B	28960		2240	14801	0194	00027	5455
0050	0899	29612		2293	14805	0299	00069	4943
0075	0888	30238		2344	14813	0417	00144	4465
0100	0877	30397		2358	14815	0527	00242	4335
0125	0871	3047 C		2365	14818	0635	00367	4269
0151	0867 B	30517		2369	14821	0742	00517	4238
0176	0863	30539		2371	14824	0848	00694	4220
0201	0860	30549		2372	14827	0954	00897	4211
0226	0859	30560		2373	14831	1060	01127	4206

C-REF-NO 010	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 060	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 018
LAT 49-591N	DAY 07	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-590W	HR 09.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
091	0000	0900 B	24965		1931	14739
091	0005	0936	25615		1977	14761
091	0010	0959	26696		2058	14785
091	0020	0954	28496		2198	14807
091	0030	0916	29068		2248	14802
091	0050	0906 B	29615		2293	14808
091	0075	0879	30222		2344	14810
091	0100	0878	30378		2356	14815
091	0125	0886 B	30418		2358	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0900 B	24965		1931	14739	0000	00000	8410
0010	0959	26696		2058	14785	0078	00004	7197
0020	0954	28496		2198	14807	0143	00013	5851
0030	0916	29068		2248	14802	0200	00028	5371
0050	0906 B	29615		2293	14808	0303	00069	4951
0075	0879	30222		2344	14810	0421	00144	4464
0100	0878	30378		2356	14815	0532	00243	4350
0125	0886 B	30418		2358	14823	0641	00369	4336

C-REF-NO 010	YR 1968	DEPTH 263	WAVES 1	XX	AIR T	VIS
CONS. NO 061	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 017
LAT 49-588N	DAY 07	NO.DPTH 11	WND-DIR		WW-CODE	
LON 125-042W	HR 09.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
097	0000	0930 B	26331		2033	14767
097	0005	0940	26561		2050	14775
097	0010	0967	27593		2126	14799
097	0020	0938	28564		2206	14802
097	0030	0916	28874		2233	14799
097	0050	0900	29555		2289	14805
097	0075	0888	30094		2333	14812
097	0100	0892	30411		2357	14821
097	0150	0892	30575		2369	14831
097	0200	0884	30697		2380	14838
097	0250	0883	30740		2384	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	26331		2033	14767	0000	00000	7429
0010	0967	27593		2126	14799	0070	00003	6539
0020	0938	28564		2206	14802	0132	00013	5776
0030	0916	28874		2233	14799	0188	00027	5514
0050	0900	29555		2289	14805	0294	00070	4988
0075	0888	30094		2333	14812	0414	00146	4573
0100	0892	30411		2357	14821	0526	00245	4347
0125	0893	3049 I		2363	14827	0634	00370	4291
0151	0892	30575		2369	14831	0741	00521	4232
0176	0888	30644		2375	14835	0847	00696	4178
0201	0884	30697		2380	14838	0951	00897	4136
0226	0883	30728		2383	14842	1055	01122	4116
0251	0883	30740		2384	14846	1158	01374	4110

C-REF-NO 010	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 062	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 016
LAT 49-572N	DAY 07	NO.DPTH 9	WND-DIR		WW-CODE	
LON 125-074W	HR 10.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
103	0000	0910 B	26736	622 B	2068	14765
103	0005	0933	26909	616 B	2078	14777
103	0010	0956	27401	566 B	2113	14792
103	0020	0934	28129	521 B	2173	14795
103	0030	0931	28528	465 B	2204	14800
103	0050	0907	29093	411 B	2252	14802
103	0075	0900	29508	381 B	2285	14809
103	0100	0887	29996	359 B	2325	14814
103	0150	0898	30364	346 B	2352	14831

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0910 B	26736	622 B	2068	14765	0000	00000	7098
0010	0956	27401	566 B	2113	14792	0069	00003	6667
0020	0934	28129	521 B	2173	14795	0133	00013	6093
0030	0931	28528	465 B	2204	14800	0192	00028	5794
0050	0907	29093	411 B	2252	14802	0304	00073	5341
0075	0900	29508	381 B	2285	14809	0434	00156	5026
0100	0887	29996	359 B	2325	14814	0556	00264	4647
0125	0887	3026 D	347 B	2346	14822	0670	00395	4452
0151	0898	30364	346 B	2352	14831	0781	00551	4397



C-REF-NO 010	YR 1968	DEPTH 132	WAVES 1	XX	AIR T	VIS
CONS. NO 063	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 015
LAT 49-516N	DAY 07	NO.DPTH 8	WND-DIR		WW-CODE	
LON 125-015W	HR 11.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
111	0000	0930 B	28369		2192	14793
111	0005	0918	28478		2202	14791
111	0010	0921	28560		2208	14794
111	0020	0919	28924		2237	14799
111	0030	0918	28011		2166	14789
111	0050	0914	29274		2265	14807
111	0075	0892	30276		2346	14815
111	0100	0886	30547		2368	14821

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	28369		2192	14793	0000	00000	5908
0010	0921	28560		2208	14794	0058	00003	5753
0020	0919	28924		2237	14799	0115	00012	5481
0030	0918	28011		2166	14789	0173	00027	6161
0050	0914	29274		2265	14807	0287	00072	5217
0075	0892	30276		2346	14815	0408	00149	4442
0100	0886	30547		2368	14821	0517	00246	4236

C-REF-NO 010	YR 1968	DEPTH 320	WAVES 1	XX	AIR T	VIS
CONS. NO 064	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 014
LAT 49-529N	DAY 07	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-594W	HR 11.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
117	0000	0890 B	28218	568 B	2186	14776
117	0005	0906	28170	553 B	2180	14782
117	0010	0922	28336	497 B	2191	14791
117	0020	0916	28604	470 B	2212	14794
117	0030	0915	28986	442 B	2242	14800
117	0050	0912	29369	408 B	2272	14807
117	0075	0905 B	30281	353 B	2345	14820
117	0100	0890	30490	338 B	2363	14821
117	0150	0897	30615	336 B	2372	14834
117	0200	0885	30702	317	2380	14839
117	0250	0883	30724	338 B	2382	14846
117	0300	0884	30750	337	2384	14855

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0890 B	28218	568 B	2186	14776	0000	00000	5964
0010	0922	28336	497 B	2191	14791	0060	00003	5921
0020	0916	28604	470 B	2212	14794	0118	00012	5714
0030	0915	28986	442 B	2242	14800	0174	00026	5430
0050	0912	29369	408 B	2272	14807	0280	00069	5144
0075	0905 B	30281	353 B	2345	14820	0400	00145	4459
0100	0890	30490	338 B	2363	14821	0510	00243	4284
0125	0892 B	3055 I	336 B	2368	14827	0617	00366	4243
0151	0897	30615	336 B	2372	14834	0723	00516	4209
0176	0892	30665	325	2377	14836	0829	00691	4168
0201	0885	30702	317	2380	14839	0933	00891	4135
0226	0883	30717	326 B	2382	14842	1037	01117	4124
0251	0883	30724	338 B	2382	14846	1140	01369	4121
0301	0884	30750	337	2384	14855	1347	01951	4111

C-REF-NO 010	YR 1968	DEPTH 241	WAVES 1	XX	AIR T	VIS
CONS. NO 065	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 013
LAT 49-553N	DAY 07	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-554W	HR 12.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
123	0000	0780 B	27490		2144	14724
123	0005	0907	27521		2129	14775
123	0010	0914	27888		2157	14783
123	0020	0916	28103		2173	14788
123	0030	0914	28964		2241	14800
123	0050	0911	29460		2280	14808
123	0075	0897	30264		2344	14817
123	0100	0893	30414		2357	14822
123	0150	0884	30586		2372	14829
123	0200	0883	30668		2378	14837

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0780 B	27490		2144	14724	0000	00000	6364
0010	0914	27888		2157	14783	0063	00003	6244
0020	0916	28103		2173	14788	0125	00013	6088
0030	0914	28964		2241	14800	0183	00027	5446
0050	0911	29460		2280	14808	0288	00070	5074
0075	0897	30264		2344	14817	0408	00145	4459
0100	0893	30414		2357	14822	0519	00244	4346
0125	0888	30516		2365	14825	0627	00369	4266
0151	0884	30586		2372	14829	0733	00518	4211
0176	0883	30639		2376	14833	0839	00693	4173
0201	0883	30668		2378	14837	0943	00894	4156

C-REF-NO 010	YR 1968	DEPTH 364	WAVES 1 XX	AIR T	VIS
CONS. NO 066	MONTH 11	MXSAMPD 03	WAVES 2 XX	WET B	STN 012
LAT 49-437N	DAY 07	NO.DPTH 13	WND-DIR	WW-CODE	
LON 124-405W	HR 13.8	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
138	0000	0880 B	27211	670 B	2109	14759
138	0005	0925	27206	668 B	2102	14777
138	0010	0946	27336	651 B	2109	14788
138	0020	0989	28282	589 B	2176	14817
138	0030	0975	28460	536 B	2192	14816
138	0050	0942	29142	450 B	2250	14816
138	0075	0910	30176	351 B	2336	14821
138	0100	0919	30499	334 B	2359	14832
138	0150	0920	30659	330	2372	14843
138	0200	0902	30728	337	2380	14845
138	0250	0896	30773	323 B	2384	14852
138	0300	0892	30780	320 B	2385	14859
138	0350	0886	30795	328	2388	14865

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0880 B	27211	670 B	2109	14759	0000	00000	6703
0010	0946	27336	651 B	2109	14788	0067	00003	6701
0020	0989	28282	589 B	2176	14817	0131	00013	6061
0030	0975	28460	536 B	2192	14816	0191	00028	5909
0050	0942	29142	450 B	2250	14816	0304	00074	5356
0075	0910	30176	351 B	2336	14821	0428	00152	4544
0100	0919	30499	334 B	2359	14832	0540	00251	4321
0125	0922	3057 I	329 B	2365	14839	0647	00375	4269
0151	0920	30659	330	2372	14843	0754	00525	4212
0176	0911	30701	334	2376	14844	0859	00700	4171
0201	0902	30728	337	2380	14845	0964	00900	4140
0226	0898	30754	331	2383	14848	1067	01126	4118
0251	0896	30773	323 B	2384	14852	1171	01377	4105
0301	0892	30780	320 B	2385	14859	1377	01958	4101



C-REF-NO 010	YR 1968	DEPTH 311	WAVES 1	XX	AIR T	VIS
CONS. NO 067	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 011
LAT 49-426N	DAY 07	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-435W	HR 14.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
144	0000	0870 B	27685		2147	14762
144	0005	0950	27687		2136	14793
144	0010	0973	28110		2165	14808
144	0020	0965	28520		2198	14812
144	0030	0955	28676		2212	14811
144	0050	0932	29258		2261	14813
144	0075	0907 B	30032		2325	14818
144	0100	0896	30374		2353	14822
144	0150	0895	30683		2377	14834
144	0200		30747			
144	0250	0889	30784		2386	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0870 B	27685		2147	14762	0000	00000	6335
0010	0973	28110		2165	14808	0063	00003	6164
0020	0965	28520		2198	14812	0123	00012	5848
0030	0955	28676		2212	14811	0181	00027	5719
0050	0932	29258		2261	14813	0291	00072	5255
0075	0907 B	30032		2325	14818	0415	00150	4645
0100	0896	30374		2353	14822	0528	00251	4379
0125	0894	3057 D		2369	14828	0637	00375	4230
0151	0895	30683		2377	14834	0742	00523	4156
0176	0893	3073 C		2382	14838	0846	00696	4120
0201	0892	30747		2383	14842	0949	00895	4109
0226	0890	30773		2385	14846	1052	01119	4093
0251	0889	30784		2386	14849	1155	01369	4086

C-REF-NO 010	YR 1968	DEPTH 95	WAVES 1 XX	AIR T	VIS
CONS. NO 068	MONTH 11	MXSAMPD 01	WAVES 2 XX	WET B	STN 010
LAT 49-407N	DAY 07	NO.DPTH 7	WND-DIR	WW-CODE	
LON 124-473W	HR 15.0	W-COLOR	WND-SPD	CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC	CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
150	0000	0910 B	27040		2091	14769
150	0005	0964	27626		2129	14797
150	0010	0972	27973		2155	14806
150	0020	0953	28597		2206	14808
150	0030	0960	28703		2213	14814
150	0050	0928	29124		2251	14810
150	0075	0907	29865		2312	14816

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0910 B	27040		2091	14769	0000	00000	6871
0010	0972	27973		2155	14806	0066	00003	6265
0020	0953	28597		2206	14808	0126	00012	5774
0030	0960	28703		2213	14814	0184	00027	5706
0050	0928	29124		2251	14810	0295	00072	5349
0075	0907	29865		2312	14816	0422	00152	4770

C-REF-NO 010	YR 1968	DEPTH 27	WAVES 1	XX	AIR T	VIS
CONS. NO 069	MONTH 11	MXSAMPD 00	WAVES 2	XX	WET B	STN 078
LAT 49-398N	DAY 07	NO.DPTH 4	WND-DIR		WW-CODE	
LON 124-558W	HR 15.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
158	C000	0910 B	25876		2001	14754
158	C005	0975	27129		2089	14795
158	C010	0987	27479		2114	14805
158	C020	0986	28078		2161	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0910 B	25876		2001	14754	0000	00000	7741
0010	0987	27479		2114	14805	0072	00003	6655
0020	0986	28078		2161	14814	0137	00013	6209

C-REF-NO 010	YR 1968	DEPTH 57	WAVES 1	XX	AIR T	VIS
CONS. NO 070	MONTH 11	MXSAMPD 00	WAVES 2	XX	WET B	STN 077
LAT 49-286N	DAY 07	NO.DPTH 6	WND-DIR		WW-CODE	
LON 124-454W	HR 17.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
170	0000	0930 B	26935		2080	14775
170	0005	0948	27319		2108	14787
170	0010	0958	27653		2132	14796
170	0020	0967	28119		2167	14807
170	0030	0974	28287		2179	14814
170	0050	0973	28648		2207	14821

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	26935		2080	14775	0000	00000	6977
0010	0958	27653		2132	14796	0067	00003	6482
0020	0967	28119		2167	14807	0131	00013	6150
0030	0974	28287		2179	14814	0192	00028	6036
0050	0973	28648		2207	14821	0310	00077	5768



C-REF-NO 010	YR 1968	DEPTH 176	WAVES 1	XX	AIR T	VIS
CONS. NO 071	MONTH 11	MXSAMPD 01	WAVES 2	XX	WET B	STN 009
LAT 49-354N	DAY 07	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-383W	HR 18.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
182	0000	0950 B	27650	644 B	2133	14792
182	0005	0951	27634	641	2132	14793
182	0010	0958	27639	562 B	2131	14796
182	0020	0967	28097	500 B	2165	14807
182	0030	0960	28564	495 B	2203	14812
182	0050	0936	29168	444	2253	14814
182	0075	0909	30194	353 B	2337	14821
182	0100	0896	30480	315 B	2361	14824
182	0150	0885 B	30716	310 B	2382	14831

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0950 B	27650	644 B	2133	14792	0000	00000	6472
0010	0958	27639	562 B	2131	14796	0065	00003	6493
0020	0967	28097	500 B	2165	14807	0128	00013	6166
0030	0960	28564	495 B	2203	14812	0188	00028	5809
0050	0936	29168	444	2253	14814	0300	00073	5327
0075	0909	30194	353 B	2337	14821	0424	00151	4529
0100	0896	30480	315 B	2361	14824	0535	00250	4301
0125	0887	3059 I	299 B	2372	14826	0641	00373	4205
0151	0885 B	30716	310 B	2382	14831	0746	00520	4117

C-REF-NO 010	YR 1968	DEPTH 349	WAVES 1	XX	AIR T	VIS
CONS. NO 072	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 008
LAT 49-394N	DAY 07	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-329W	HR 18.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
189	0000	0920 B	27381		2117	14777
189	0005	0926	27344		2113	14779
189	0010	0932	27344		2112	14783
189	0020	0984	28276		2176	14816
189	0030	0977	28544		2198	14818
189	0050	0934	29366		2269	14816
189	0075	0915 B	30085		2328	14822
189	0100	0937	30466		2354	14839
189	0150	0925	30668		2372	14845
189	0200	0906	30757		2382	14847
189	0250	0902	30770		2383	14854
189	0300	0897	30786		2385	14861

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0920 B	27381		2117	14777	0000	00000	6631
0010	0932	27344		2112	14783	0067	00003	6676
0020	0984	28276		2176	14816	0130	00013	6058
0030	0977	28544		2198	14818	0190	00028	5849
0050	0934	29366		2269	14816	0301	00073	5177
0075	0915 B	30085		2328	14822	0424	00150	4619
0100	0937	30466		2354	14839	0537	00251	4372
0125	0936 B	3056 I		2362	14844	0645	00376	4299
0151	0925	30668		2372	14845	0752	00526	4212
0176	0915	30724		2378	14846	0858	00701	4158
0201	0906	30757		2382	14847	0962	00901	4124
0226	0903	30768		2383	14850	1065	01126	4115
0251	0902	30770		2383	14854	1169	01378	4117
0301	0897	30786		2385	14861	1375	01960	4104

C-REF-NO 010	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 073	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 007
LAT 49-344N	DAY 07	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-241W	HR 20.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
200	0000	0930 B	26846		2073	14774
200	0005	0926	26829		2073	14773
200	0010	0934	26830		2072	14777
200	0020	0936	27086		2091	14782
200	0030	0977	28392		2187	14816
200	0050	0927	29528		2283	14815
200	0075	0926 B	30174		2333	14827
200	0100	0936	30504		2357	14839
200	0150	0934 B	30672		2371	14848
200	0200	0903	30763		2382	14846
200	0250	0896	30778		2385	14852
200	0300	0897	30814		2387	14861

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	26846		2073	14774	0000	00000	7044
0010	0934	26830		2072	14777	0071	00004	7062
0020	0936	27086		2091	14782	0140	00014	6874
0030	0977	28392		2187	14816	0205	00030	5962
0050	0927	29528		2283	14815	0315	00075	5047
0075	0926 B	30174		2333	14827	0436	00151	4569
0100	0936	30504		2357	14839	0548	00251	4343
0125	0939	3058 I		2363	14845	0656	00375	4288
0151	0934 B	30672		2371	14848	0763	00526	4223
0176	0919 B	30727		2377	14848	0868	00701	4162
0201	0903	30763		2382	14846	0972	00900	4115
0226	0897	3077 B		2384	14848	1076	01125	4103
0251	0896	30778		2385	14852	1179	01375	4101
0301	0897	30814		2387	14861	1384	01955	4083

C-REF-NO 010	YR 1968	DEPTH 198	WAVES 1	XX	AIR T	VIS
CONS. NO 074	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 006
LAT 49-306N	DAY 07	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-278W	HR 20.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
208	0000	0940 B	27288	659 B	2106	14783
208	0005	0950	27252	652 B	2102	14787
208	0010	0956	27267	611 B	2102	14791
208	0020	0984	28324	566 B	2180	14816
208	0030	0971	28710	536 B	2212	14818
208	0050	0929	29559	418 B	2285	14816
208	0075	0936 B	30222	365 B	2335	14831
208	0100	0935	30525	369	2359	14839
208	0150	0929	30719	363 B	2375	14847
208	0175	0923	30766	357 B	2380	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	27288	659 B	2106	14783	0000	00000	6729
0010	0956	27267	611 B	2102	14791	0068	00003	6767
0020	0984	28324	566 B	2180	14816	0132	00013	6022
0030	0971	28710	536 B	2212	14818	0191	00028	5717
0050	0929	29559	418 B	2285	14816	0298	00071	5026
0075	0936 B	30222	365 B	2335	14831	0418	00147	4547
0100	0935	30525	369	2359	14839	0530	00247	4325
0125	0933	3062 I	368 B	2367	14843	0638	00371	4254
0151	0929	30719	363 B	2375	14847	0743	00519	4180
0176	0923	30766	357 B	2380	14850	0848	00693	4139



C-REF-NO 010	YR 1968	DEPTH 329	WAVES 1	XX	AIR T	VIS
CONS. NO 075	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 005
LAT 49-275N	DAY 07	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-307W	HR 21.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
216	0000	0950 B	27566		2126	14791
216	0005	0965	27785		2141	14800
216	0010	0980	28019		2157	14809
216	0020	0974	28665		2208	14817
216	0030	0965	28908		2229	14818
216	0050	0948	29193		2253	14819
216	0075	0913 B	29822		2308	14817
216	0100	0930	30335		2345	14835
216	0150	0923 B	30802		2382	14846
216	0200	0897	30878		2392	14845
216	0250	0884	30917		2397	14849
216	0300	0882	31219		2421	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0950 B	27566		2126	14791	0000	00000	6536
0010	0980	28019		2157	14809	0064	00003	6242
0020	0974	28665		2208	14817	0124	00012	5754
0030	0965	28908		2229	14818	0181	00027	5561
0050	0948	29193		2253	14819	0290	00071	5327
0075	0913 B	29822		2308	14817	0417	00152	4810
0100	0930	30335		2345	14835	0534	00255	4458
0125	0931 B	3056 I		2363	14842	0643	00381	4290
0151	0923 B	30802		2382	14846	0749	00529	4110
0176	0910	3084 I		2387	14846	0852	00700	4066
0201	0897	30878		2392	14845	0953	00895	4021
0226	0889	3088 D		2394	14846	1054	01115	4010
0251	0884	30917		2397	14849	1155	01359	3980
0301	0882	31219		2421	14860	1349	01906	3761

C-REF-NO 010	YR 1968	DEPTH 342	WAVES 1	XX	AIR T	VIS
CONS. NO 076	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 004
LAT 49-244N	DAY 07	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-220W	HR 22.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
226	0000	0940 B	27623		2132	14788
226	0005	0963	27585		2126	14796
226	0010	0971	27598		2126	14800
226	0020	0978	28047		2160	14810
226	0030	0965	28885		2227	14818
226	0050	0926	29595		2288	14815
226	0075	0911	30116		2331	14820
226	0100	0907	30468		2359	14828
226	0150	0916 B	30750		2379	14843
226	0200	0890	30866		2392	14843
226	0250	0879	30916		2398	14847
226	0300	0885	31018		2405	14859

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	27623		2132	14788	0000	00000	6479
0010	0971	27598		2126	14800	0065	00003	6542
0020	0978	28047		2160	14810	0129	00013	6219
0030	0965	28885		2227	14818	0188	00028	5577
0050	0926	29595		2288	14815	0294	00071	4994
0075	0911	30116		2331	14820	0415	00147	4590
0100	0907	30468		2359	14828	0527	00247	4326
0125	0912 B	3060 I		2369	14835	0634	00370	4233
0151	0916 B	30750		2379	14843	0739	00518	4138
0176	0904 B	3082 B		2387	14843	0842	00689	4070
0201	0890	30866		2392	14843	0944	00884	4019
0226	0882	3089 B		2396	14844	1045	01103	3994
0251	0879	30916		2398	14847	1145	01347	3974
0301	0885	31018		2405	14859	1343	01905	3914

C-REF-NO 010	YR 1968	DEPTH 326	WAVES 1	XX	AIR T	VIS
CONS. NO 077	MONTH 11	MXSAMPD 03	WAVES 2	XX	WET B	STN 003
LAT 49-266N	DAY 07	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-202W	HR 23.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
232	0000	0910 B	26133	663 B	2021	14757
232	0005	0913	26349	674 B	2037	14762
232	0010	0937	26798	667 B	2069	14778
232	0020	0948	27244	646 B	2102	14789
232	0030	0972	28722	523 B	2213	14818
232	0050	0925	29816	386 B	2305	14818
232	0075	0940	30336	365	2344	14834
232	0100	0936	30432	385	2352	14838
232	0150	0930 B	30714	363 B	2375	14848
232	0200	0910	30841	340 B	2388	14850
232	0250	0887	30929	338 B	2398	14850
232	0300	0884	31002	328 B	2404	14858

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0910 B	26133	663 B	2021	14757	0000	00000	7549
0010	0937	26798	667 B	2069	14778	0073	00004	7090
0020	0948	27244	646 B	2102	14789	0143	00014	6774
0030	0972	28722	523 B	2213	14818	0205	00030	5709
0050	0925	29816	386 B	2305	14818	0311	00072	4829
0075	0940	30336	365	2344	14834	0428	00146	4469
0100	0936	30432	385	2352	14838	0539	00246	4396
0125	0934	3057 D	379 B	2363	14843	0648	00371	4289
0151	0930 B	30714	363 B	2375	14848	0755	00521	4185
0176	0921	3079 B	350 B	2382	14849	0859	00694	4119
0201	0910	30841	340 B	2388	14850	0962	00891	4068
0226	0897	30888	338 B	2393	14850	1063	01112	4017
0251	0887	30929	338 B	2398	14850	1164	01356	3976
0301	0884	31002	328 B	2404	14858	1362	01916	3925



C-REF-NO 010	YR 1968	DEPTH 293	WAVES 1	XX	AIR T	VIS
CONS. NO 078	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 002
LAT 49-240N	DAY 08	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-004W	HR 00.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
002	0000	0930 B	25474	659 B	1967	14757
002	0005	0937	25476	661 B	1966	14760
002	0010	0979	27458	592 B	2114	14802
002	0020	0981	28382	539 B	2185	14816
002	0030	0969	28682	503 B	2210	14817
002	0050	0933	29723	378 B	2297	14820
002	0075	0941	30215	355	2334	14833
002	0100	0931	30486	370 B	2357	14837
002	0150	0929	30702	349 B	2374	14847
002	0200	0918	30815	330 B	2384	14852
002	0250	0892	30946	328 B	2398	14853

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0930 B	25474	659 B	1967	14757	0000	00000	8070
0010	0979	27458	592 B	2114	14802	0074	00003	6658
0020	0981	28382	539 B	2185	14816	0137	00013	5975
0030	0969	28682	503 B	2210	14817	0196	00028	5735
0050	0933	29723	378 B	2297	14820	0303	00071	4910
0075	0941	30215	355	2334	14833	0421	00146	4560
0100	0931	30486	370 B	2357	14837	0533	00246	4349
0125	0929	3059 I	364 B	2365	14842	0641	00370	4268
0151	0929	30702	349 B	2374	14847	0748	00520	4192
0176	0925	3076 B	338 B	2379	14850	0852	00694	4144
0201	0918	30815	330 B	2384	14852	0956	00892	4100
0226	0907	30881	327 B	2391	14853	1058	01115	4037
0251	0892	30946	328 B	2398	14853	1159	01359	3970



C-REF-NO 010	YR 1968	DEPTH 256	WAVES 1	XX	AIR T	VIS
CONS. NO 079	MONTH 11	MXSAMPD 02	WAVES 2	XX	WET B	STN 001
LAT 49-204N	DAY 08	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-121W	HR 00.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARG		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SCUND
009	0000	0980 B	28103		2164	14809
009	0005	0974	28086		2163	14807
009	0010	0982	28087		2162	14811
009	0020	0985	28402		2186	14817
009	0030	0968	28761		2217	14817
009	0050	0936	29399		2271	14817
009	0075	0922	30127		2330	14825
009	0100	0929	30507		2359	14836
009	0150	0900	30737		2381	14837
009	0200	0887	30845		2391	14841

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0980 B	28103		2164	14809	0000	00000	6179
0010	0982	28087		2162	14811	0062	00003	6195
0020	0985	28402		2186	14817	0123	00012	5965
0030	0968	28761		2217	14817	0181	00027	5675
0050	0936	29399		2271	14817	0290	00071	5156
0075	0922	30127		2330	14825	0412	00148	4597
0100	0929	30507		2359	14836	0524	00248	4329
0125	0917 B	3062 I		2369	14837	0632	00372	4230
0151	0900	30737		2381	14837	0737	00519	4123
0176	0892	3081 B		2388	14839	0840	00690	4058
0201	0887	30845		2391	14841	0941	00885	4030



OCEANOGRAPHIC DATA CRUISE 011/68

9 - 13 DECEMBER 1968





C-REF-NO 011	YR 1968	DEPTH 91	WAVES 1	XX	AIR T	VIS
CONS. NO 001	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 076
LAT 48-315N	DAY 09	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-300W	HR 23.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
234	0000	0940 B	29379		2269	14810
234	0005	0883	29415		2280	14790
234	0010	0894	29548		2289	14796
234	0020	0892	29983		2323	14803
234	0030	0882	30755		2385	14810
234	0050	0865	31261		2427	14814
234	0075	0837	31889		2480	14815

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0940 B	29379		2269	14810	0000	00000	5170
0010	0894	29548		2289	14796	0051	00003	4979
0020	0892	29983		2323	14803	0099	00010	4654
0030	0882	30755		2385	14810	0143	00021	4066
0050	0865	31261		2427	14814	0221	00052	3668
0075	0837	31889		2480	14815	0307	00106	3165

C-REF-NO 011	YR 1968	DEPTH 225	WAVES 1	XX	AIR T	VIS
CONS. NO 002	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 075
LAT 48-283N	DAY 10	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-328W	HR 00.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
000	0000	0970 B	29985	656 B	2312	14829
000	0005	0947	29974	643 B	2314	14821
000	0010	0957	29974	644 B	2313	14825
000	0020	0962	30155	633 B	2326	14831
000	0030	0958	30195	628 B	2330	14832
000	0050	0927	30297	645	2343	14825
000	0075	0882	31524	500 B	2445	14828
000	0100	0861	32124	449 B	2495	14831
000	0150	0798	33302	370 B	2597	14831
000	0200	0758	33618	310 B	2627	14828

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0970 B	29985	656 B	2312	14829	0000	00000	4764
0010	0957	29974	644 B	2313	14825	0048	00002	4754
0020	0962	30155	633 B	2326	14831	0095	00010	4628
0030	0958	30195	628 B	2330	14832	0141	00021	4593
0050	0927	30297	645	2343	14825	0232	00059	4475
0075	0882	31524	500 B	2445	14828	0332	00121	3501
0100	0861	32124	449 B	2495	14831	0414	00194	3029
0126	0830	3271 I	406 B	2546	14831	0485	00274	2551
0151	0798	33302	370 B	2597	14831	0543	00355	2072
0176	0776	3355 B	337 B	2620	14830	0592	00437	1855
0201	0758	33618	310 B	2627	14828	0638	00525	1789

C-REF-NO 011	YR 1968	DEPTH 192	WAVES 1	XX	AIR T	VIS
CONS. NO 003	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 074
LAT 48-251N	DAY 10	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-358W	HR 00.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
007	0000	0990 B	29940		2305	14836
007	0005	0961	29935		2309	14826
007	0010	0968	29942		2309	14829
007	0020	0960	29941		2310	14828
007	0030	0960				
007	0050	0955	29943		2311	14832
007	0075	0937 B	30180		2332	14833
007	0100	0930	31433		2431	14850
007	0150	0766 B	33582		2623	14824

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0990 B	29940		2305	14836	0000	00000	4828
0010	0968	29942		2309	14829	0048	00002	4794
0020	0960	29941		2310	14828	0096	00010	4785
0030	0960	2992 D		2308	14829	0144	00022	4798
0050	0955	29943		2311	14831	0241	00061	4780
0075	0937 B	30180		2332	14831	0358	00136	4580
0100	0930	31433		2431	14849	0461	00227	3644
0126	0869 B	3250 I		2524	14844	0542	00319	2761
0151	0766 B	33582		2623	14822	0599	00398	1818

C-REF-NO 011	YR 1968	DEPTH 170	WAVES 1	XX	AIR T	VIS
CONS. NO 004	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 073
LAT 48-151N	DAY 10	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-070W	HR 02.6	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
026	0000	0870 B	30358		2356	14796
026	0005	0857	30351		2357	14792
026	0010	0863	30346		2356	14795
026	0020	0857	30371		2359	14794
026	0030		30647			
026	0050	0855	30930		2403	14807
026	0075	0846	31366		2438	14813
026	0100	0845	32069		2493	14826
026	0150	0770	33507		2617	14824

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	30358		2356	14796	0000	00000	4341
0010	0863	30346		2356	14795	0044	00002	4341
0020	0857	30371		2359	14794	0087	00009	4315
0030	0856	30647		2381	14799	0129	00020	4110
0050	0855	30930		2403	14806	0210	00052	3900
0075	0846	31366		2438	14812	0304	00112	3567
0100	0845	32069		2493	14825	0387	00186	3047
0126	0818	3276 D		2552	14827	0456	00265	2493
0151	0770	33507		2617	14823	0511	00342	1880



C-REF-NO 011	YR 1968	DEPTH 190	WAVES 1	XX	AIR T	VIS
CONS. NO 005	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 072
LAT 48-196N	DAY 10	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-040W	HR 03.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
033	0000	0890 B	30218	647 B	2342	14802
033	0005	0879	30141	641 B	2338	14797
033	0010	0870		616 B		
033	0020	0866	30538	612 B	2370	14801
033	0030	0852	30571	623	2375	14797
033	0050	0858	31156	525 B	2420	14810
033	0075	0847	31502	478 B	2449	14815
033	0100	0832	32260	401 B	2510	14823
033	0150	0769 B	33518	315 B	2618	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0890 B	30218	647 B	2342	14802	0000	00000	4473
0010	0870	3027 I	616 B	2349	14796	0045	00002	4405
0020	0866	30538	612 B	2370	14800	0088	00009	4204
0030	0852	30571	623	2375	14797	0130	00020	4161
0050	0858	31156	525 B	2420	14810	0209	00052	3736
0075	0847	31502	478 B	2449	14814	0300	00109	3468
0100	0832	32260	401 B	2510	14822	0380	00180	2887
0126	0806	3288 I	350 B	2563	14824	0446	00255	2385
0151	0769 B	33518	315 B	2618	14822	0499	00330	1870

C-REF-NO 011	YR 1968	DEPTH 124	WAVES 1	XX	AIR T	VIS
CONS. NO 006	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 071
LAT 48-222N	DAY 10	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-006W	HR 03.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
039	0000	0870 B	30426		2361	14797
039	0005	0857	30432		2364	14793
039	0010	0863	30488		2367	14796
039	0020	0855	30608		2378	14797
039	0030	0862	30927		2401	14805
039	0050	0853	31077		2414	14807
039	0075	0840	31419		2443	14810
039	0100	0806	32537		2536	14816

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0870 B	30426		2361	14797	0000	00000	4290
0010	0863	30488		2367	14796	0043	00002	4236
0020	0855	30608		2378	14797	0085	00009	4136
0030	0862	30927		2401	14805	0125	00019	3910
0050	0853	31077		2414	14807	0203	00050	3788
0075	0840	31419		2443	14810	0294	00109	3518
0100	0806	32537		2536	14816	0372	00177	2644

C-REF-NO 011	YR 1968	DEPTH 148	WAVES 1	XX	AIR T	VIS
CONS. NO 007	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 070
LAT 48-192N	DAY 10	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-432W	HR 05.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
051	0000	0850 B	30361		2359	14788
051	0005	0835	30948		2407	14791
051	0010	0839	31011		2411	14794
051	0020	0833	31014		2412	14793
051	0030	0836	31077		2417	14797
051	0050	0835	31144		2422	14801
051	0075	0814 B	31999		2492	14808
051	0100	0815	32492		2531	14819
051	0150	0796	32875		2563	14825

\*DEPTH OF BOTTOM OBSERVATION GREATER THAN SOUNDING

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	30361		2359	14788	0000	00000	4311
0010	0839	31011		2411	14794	0041	00002	3813
0020	0833	31014		2412	14793	0079	00008	3803
0030	0836	31077		2417	14797	0117	00018	3762
0050	0835	31144		2422	14801	0192	00048	3712
0075	0814 B	31999		2492	14808	0277	00102	3051
0101	0815	32492		2531	14819	0349	00166	2689
0126	0807	3279 B		2555	14824	0414	00240	2459
0151	0796	32875		2563	14825	0475	00326	2386

C-REF-NO 011	YR 1968	DEPTH 181	WAVES 1	XX	AIR T	VIS
CONS. NO 008	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 069
LAT 48-156N	DAY 10	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-432W	HR 05.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
058	0000	0840 B	30922	533 B	2404	14792
058	0005	0828	31071	530 B	2418	14790
058	0010	0836		526 B		
058	0020	0830	31132	515 B	2422	14795
058	0030	0830	31247	511 B	2431	14798
058	0050	0829	31370	499 B	2441	14802
058	0075	0818	31724	462 B	2470	14807
058	0100	0815	31889	448 B	2483	14812
058	0150	0792 B	33148	341 B	2585	14827

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	30922	533 B	2404	14792	0000	00000	3879
0010	0836	3109 I	526 B	2418	14794	0038	00002	3748
0020	0830	31132	515 B	2422	14794	0076	00008	3711
0030	0830	31247	511 B	2431	14797	0113	00017	3626
0050	0829	31370	499 B	2441	14801	0185	00046	3537
0075	0818	31724	462 B	2470	14806	0270	00101	3261
0101	0815	31889	448 B	2483	14811	0350	00173	3138
0126	0805	3251 I	405 B	2534	14819	0423	00256	2661
0151	0792 B	33148	341 B	2585	14827	0484	00341	2179



C-REF-NO 011	YR 1968	DEPTH 143	WAVES 1	XX	AIR T	VIS
CONS. NO 009	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 068
LAT 48-121N	DAY 10	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-432W	HR 06.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
064	0000	0830 B	30942		2407	14788
064	0005	0831	30976		2410	14790
064	0010	0838	30998		2410	14793
064	0020	0834	31062		2416	14794
064	0030	0837	31084		2417	14797
064	0050	0833	31313		2436	14802
064	0075	0824	31704		2468	14808
064	0100	0816	32361		2520	14817
064	0125	0803 B	32839		2560	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	30942		2407	14788	0000	00000	3850
0010	0838	30998		2410	14793	0039	00002	3821
0020	0834	31062		2416	14794	0077	00008	3769
0030	0837	31084		2417	14797	0114	00017	3758
0050	0833	31313		2436	14802	0188	00048	3584
0075	0824	31704		2468	14808	0275	00102	3285
0101	0816	32361		2520	14817	0351	00170	2788
0126	0803 B	32839		2560	14823	0416	00245	2419

C-REF-NO 011	YR 1968	DEPTH 110	WAVES 1	XX	AIR T	VIS
CONS. NO 010	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 067
LAT 48-228N	DAY 10	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-181W	HR 08.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
087	0000	0850 B	30383		2361	14789
087	0005	0839	30360		2361	14785
087	0010	0844	30371		2361	14788
087	0020	0838	30401		2364	14787
087	0030	0841	30484		2370	14791
087	0050	0839	30656		2384	14796
087	0075	0834	30734		2390	14799

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	30383		2361	14789	0000	00000	4295
0010	0844	30371		2361	14788	0043	00002	4296
0020	0838	30401		2364	14787	0086	00009	4267
0030	0841	30484		2370	14791	0129	00020	4211
0050	0839	30656		2384	14796	0212	00054	4082
0075	0834	30734		2390	14799	0314	00119	4020

C-REF-NO 011	YR 1968	DEPTH 101	WAVES 1	XX	AIR T	VIS
CONS. NO 011	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 066
LAT 48-193N	DAY 10	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-141W	HR 09.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
093	0000	0850 B	30625		2380	14792
093	0005	0838	30660		2384	14788
093	0010	0843	30683		2385	14791
093	0020	0838	30710		2388	14791
093	0030	0842	30716		2388	14795
093	0050	0839	30837		2398	14798
093	0075	0834	31074		2417	14804

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	30625		2380	14792	0000	00000	4115
0010	0843	30683		2385	14791	0041	00002	4062
0020	0838	30710		2388	14791	0082	00008	4037
0030	0842	30716		2388	14795	0122	00019	4039
0050	0839	30837		2398	14798	0203	00051	3947
0075	0834	31074		2417	14804	0299	00113	3767

C-REF-NO 011	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 012	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 065
LAT 48-158N	DAY 10	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-100W	HR 09.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
099	0000	0830 B	31086	578 B	2419	14790
099	0005	0831	31106	557 B	2420	14791
099	0010	0838	31138	549 B	2421	14795
099	0020	0833	31169	539 B	2425	14795
099	0030	0835	31165	537 B	2424	14798
099	0050	0836	31170	539 B	2424	14801
099	0075	0831	31257	522 B	2432	14805
099	0100	0828	31565	481 B	2456	14812

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	31086	578 B	2419	14790	0000	00000	3743
0010	0838	31138	549 B	2421	14795	0037	00002	3716
0020	0833	31169	539 B	2425	14795	0075	00008	3688
0030	0835	31165	537 B	2424	14798	0112	00017	3695
0050	0836	31170	539 B	2424	14801	0186	00048	3696
0075	0831	31257	522 B	2432	14805	0278	00106	3627
0100	0828	31565	481 B	2456	14812	0366	00185	3398



C-REF-NO 011	YR 1968	DEPTH 91	WAVES 1	XX	AIR T	VIS
CONS. NO 013	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 064
LAT 48-122N	DAY 10	NO.DPTH 7	WND-DIR		WW-CODE	
LON 123-059W	HR 10.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
105	0000	0830 B	31214		2429	14792
105	0005	0826	31207		2429	14791
105	0010	0832	31220		2429	14794
105	0020	0827	31324		2438	14795
105	0030	0827	31597		2459	14800
105	0050	0820	31934		2486	14805
105	0075	0806	32396		2524	14810

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	31214		2429	14792	0000	00000	3647
0010	0832	31220		2429	14794	0037	00002	3647
0020	0827	31324		2438	14795	0073	00007	3564
0030	0827	31597		2459	14800	0108	00016	3362
0050	0820	31934		2486	14805	0173	00043	3104
0075	0806	32396		2524	14810	0246	00089	2744

C-REF-NO 011	YR 1968	DEPTH 155	WAVES 1	XX	AIR T	VIS
CONS. NO 014	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 063
LAT 48-138N	DAY 10	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-589W	HR 11.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
111	0000	0860 B	30412	583 B	2362	14793
111	0005	0848	30391	570 B	2362	14789
111	0010	0854	30397	562 B	2361	14792
111	0020	0849	30417	557 B	2364	14792
111	0030	0846	30627	548 B	2380	14795
111	0050	0841	30915	527 B	2404	14800
111	0075	0831	31410	502 B	2444	14807
111	0100	0823	31808	453 B	2476	14813
111	0140	0809 B	32386	401 B	2523	14822

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	30412	583 B	2362	14793	0000	00000	4287
0010	0854	30397	562 B	2361	14792	0043	00002	4290
0020	0849	30417	557 B	2364	14792	0086	00009	4270
0030	0846	30627	548 B	2380	14795	0128	00020	4111
0050	0841	30915	527 B	2404	14800	0209	00052	3892
0075	0831	31410	502 B	2444	14807	0302	00111	3512
0100	0823	31808	453 B	2476	14813	0386	00186	3210
0126	0814	32181	418 B	2506	14818	0463	00275	2924

C-REF-NO 011	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 015	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 062
LAT 48-228N	DAY 10	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-027W	HR 12.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
120	0000	0830 B	30173	594 B	2347	14778
120	0005	0833	30171	590 B	2347	14780
120	0010	0839	30180	583 B	2346	14783
120	0020	0835	30263	581 B	2353	14784
120	0030	0838	30275	580 B	2354	14787
120	0050	0838	30295	580 B	2356	14791
120	0075	0836	30528	568 B	2374	14797
120	0100	0836	30883	543 B	2402	14806
120	0130	0826 B	31731	411	2470	14818

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	30173	594 B	2347	14778	0000	00000	4424
0010	0839	30180	583 B	2346	14783	0044	00002	4431
0020	0835	30263	581 B	2353	14784	0089	00009	4366
0030	0838	30275	580 B	2354	14787	0132	00020	4362
0050	0838	30295	580 B	2356	14791	0220	00056	4350
0075	0836	30528	568 B	2374	14797	0327	00124	4177
0100	0836	30883	543 B	2402	14806	0429	00215	3916
0126	0828 B	31561	440	2456	14816	0521	00320	3405

C-REF-NO 011	YR 1968	DEPTH 256	WAVES 1	XX	AIR T	VIS
CONS. NO 016	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 061
LAT 48-291N	DAY 10	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-094W	HR 12.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
129	0000	0840 B	30148		2344	14782
129	0005	0838	30189		2347	14782
129	0010	0847	30200		2347	14787
129	0020	0843	30269		2353	14788
129	0030	0846	30323		2357	14791
129	0050	0844	30471		2368	14796
129	0075	0840	30523		2373	14799
129	0100	0841	30572		2377	14804
129	0150	0844	30640		2382	14814
129	0200	0841	30734		2389	14822
129	0250	0831	31174		2425	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	30148		2344	14782	0000	00000	4456
0010	0847	30200		2347	14787	0045	00002	4428
0020	0843	30269		2353	14788	0089	00009	4372
0030	0846	30323		2357	14791	0132	00020	4337
0050	0844	30471		2368	14796	0219	00055	4227
0075	0840	30523		2373	14799	0324	00123	4186
0100	0841	30572		2377	14804	0429	00217	4154
0126	0843	30607		2379	14809	0533	00336	4134
0151	0844	30640		2382	14814	0637	00482	4114
0176	0843	3068 I		2385	14818	0740	00654	4082
0201	0841	30734		2389	14822	0842	00850	4047
0226	0837	3091 B		2404	14827	0942	01067	3907
0251	0831	31174		2425	14832	1037	01300	3713



C-REF-NO 011	YR 1968	DEPTH 274	WAVES 1	XX	AIR T	VIS
CONS. NO 017	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 060
LAT 48-339N	DAY 10	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-128W	HR 13.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARG		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
137	0000	0840 B	29996		2332	14780
137	0005	0837	29025		2257	14767
137	0009	0845	30038		2334	14784
137	0018	0840	30080		2338	14784
137	0027	0845	30294		2354	14790
137	0045	0844	30339		2358	14793
137	0068	0841	30353		2360	14796
137	0091	0842	30376		2361	14800
137	0136	0844 B	30510		2371	14810
137	0181	0839	30824		2397	14819
137	0227	0836	31032		2413	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	29996		2332	14780	0000	00000	4569
0010	0845	3004 I		2335	14784	0046	00002	4542
0020	0841	3012 C		2342	14785	0091	00009	4476
0030	0845	3032 D		2356	14791	0135	00021	4338
0050	0843	30344		2359	14794	0222	00056	4321
0075	0841	30358		2360	14797	0331	00125	4311
0100	0843	30391		2362	14802	0439	00222	4292
0126	0844 B	30463		2368	14808	0546	00346	4241
0151	0843 B	3060 D		2379	14813	0651	00494	4140
0176	0840	3078 B		2393	14818	0753	00664	4008
0201	0838	3091 B		2404	14823	0853	00854	3905
0226	0836	31024		2413	14828	0950	01066	3827

C-REF-NO 011	YR 1968	DEPTH 205	WAVES 1	XX	AIR T	VIS
CONS. NO 018	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 059
LAT 48-378N	DAY 10	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-146W	HR 14.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
143	0000	0840 B	30032	586 B	2335	14780
143	0005	0842	30098	567 B	2340	14783
143	0010	0848	30098	555 B	2339	14786
143	0020	0841	30104	557 B	2340	14785
143	0030	0843	30136	561	2342	14788
143	0050	0845	30232	557 B	2350	14793
143	0075	0842	30238	554 B	2351	14796
143	0100	0842	30246	551 B	2351	14800
143	0150	0845 B	30623	551 B	2380	14814

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	30032	586 B	2335	14780	0000	00000	4543
0010	0848	30098	555 B	2339	14786	0045	00002	4505
0020	0841	30104	557 B	2340	14785	0091	00009	4492
0030	0843	30136	561	2342	14788	0136	00021	4472
0050	0845	30232	557 B	2350	14793	0225	00057	4407
0075	0842	30238	554 B	2351	14796	0335	00128	4401
0100	0842	30246	551 B	2351	14800	0446	00227	4398
0126	0843	3038 B	550 B	2362	14806	0555	00353	4301
0151	0845 B	30623	551 B	2380	14814	0661	00501	4128

C-REF-NO 011	YR 1968	DEPTH 311	WAVES 1	XX	AIR T	VIS
CONS. NO 019	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 058
LAT 48-429N	DAY 10	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-141W	HR 15.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
154	0000	0800 B	29382		2290	14756
154	0005	0842	30139		2343	14783
154	0010	0849	30137		2342	14787
154	0020	0844	30135		2342	14786
154	0030		30140			
154	0050	0847	30154		2343	14794
154	0075	0843	30171		2345	14797
154	0100		30165			
154	0150	0847 B	30279		2353	14814
154	0200	0845	30403		2363	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	29382		2290	14756	0000	00000	4974
0010	0849	30137		2342	14787	0047	00002	4478
0020	0844	30135		2342	14786	0092	00009	4474
0030	0844	30140		2343	14788	0137	00021	4471
0050	0847	30154		2343	14793	0227	00057	4468
0075	0843	30171		2345	14795	0339	00129	4452
0100	0843	30165		2345	14800	0451	00229	4459
0126	0845 B	3021 B		2348	14805	0562	00358	4431
0151	0847 B	30279		2353	14810	0673	00514	4387
0176	0846	30338		2358	14815	0783	00696	4345
0201	0845	30403		2363	14819	0891	00904	4299

C-REF-NO 011	YR 1968	DEPTH 141	WAVES 1	XX	AIR T	VIS
CONS. NO 020	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 057
LAT 48-440N	DAY 10	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-081W	HR 15.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
159	0000	0840 B	30412		2364	14785
159	0005	0841	30452		2367	14787
159	0010	0849	30457		2367	14791
159	0020	0844	30455		2367	14790
159	0030	0847	30481		2369	14794
159	0050	0846	30478		2369	14796
159	0075	0841	30644		2382	14801
159	0100	0841	30708		2387	14806

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	30412		2364	14785	0000	00000	4260
0010	0849	30457		2367	14791	0043	00002	4239
0020	0844	30455		2367	14790	0085	00009	4235
0030	0847	30481		2369	14794	0128	00020	4221
0050	0846	30478		2369	14796	0213	00054	4224
0075	0841	30644		2382	14801	0317	00121	4097
0100	0841	30708		2387	14806	0419	00213	4053



C-REF-NO 011	YR 1968	DEPTH 210	WAVES 1	XX	AIR T	VIS
CONS. NO 021	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 056
LAT 48-463N	DAY 10	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-014W	HR 16.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
166	0000	0850 B	29894	574 B	2323	14782
166	0005	0848	29994	544 B	2331	14784
166	0010	0855	29999	542 B	2330	14787
166	0020	0850	29997	541 B	2331	14787
166	0030	0853	30001	540 B	2330	14790
166	0050	0853	30007	539 B	2331	14793
166	0075	0846	30066	540 B	2337	14795
166	0100	0845	30321	533 B	2357	14802
166	0150	0849	30413	531 B	2363	14813
166	0200	0847	30399	533 B	2362	14820

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	29894	574 B	2323	14782	0000	00000	4659
0010	0855	29999	542 B	2330	14787	0046	00002	4589
0020	0850	29997	541 B	2331	14787	0092	00009	4585
0030	0853	30001	540 B	2330	14790	0139	00021	4587
0050	0853	30007	539 B	2331	14793	0231	00059	4585
0075	0846	30066	540 B	2337	14795	0345	00132	4533
0100	0845	30321	533 B	2357	14802	0457	00232	4346
0126	0847	3036 I	531 B	2360	14807	0565	00357	4318
0151	0849	30413	531 B	2363	14813	0673	00509	4290
0176	0849	30425	531 B	2364	14817	0781	00688	4283
0201	0847	30399	533 B	2362	14820	0889	00895	4304

C-REF-NO 011	YR 1968	DEPTH 104	WAVES 1	XX	AIR T	VIS
CONS. NO 022	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 055
LAT 48-455N	DAY 10	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-586W	HR 17.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
172	0000	0860 B	29804		2314	14785
172	0005		29804			
172	0010	0856 B	29860		2319	14787
172	0020	0855	30027		2332	14790
172	0030	0858	30049		2333	14793
172	0050	0856	30068		2335	14796
172	0075	0852	30080		2337	14798
172	0100	0849	30128		2341	14802

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0860 B	29804		2314	14785	0000	00000	4740
0010	0856 B	29860		2319	14786	0047	00002	4694
0020	0855	30027		2332	14789	0094	00010	4570
0030	0858	30049		2333	14792	0140	00021	4557
0050	0856	30068		2335	14795	0231	00059	4544
0075	0852	30080		2337	14798	0345	00131	4532
0100	0849	30128		2341	14801	0458	00233	4496

C-REF-NO 011	YR 1968	DEPTH 84	WAVES 1	XX	AIR T	VIS
CONS. NO 023	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 054
LAT 48-265N	DAY 10	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-442W	HR 19.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
192	0000	0850 B	29347	604 B	2280	14775
192	0005	0823	29397	593 B	2288	14766
192	0010	0831	29494	580 B	2294	14771
192	0020	0830	29747	580 B	2314	14776
192	0030	0832	29787	575 B	2317	14779
192	0050	0834	29941	574 B	2328	14785
192	0075	0835		541 B		

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0850 B	29347	604 B	2280	14775	0000	00000	5067
0010	0831	29494	580 B	2294	14771	0050	00003	4932
0020	0830	29747	580 B	2314	14776	0099	00010	4743
0030	0832	29787	575 B	2317	14779	0146	00022	4717
0050	0834	29941	574 B	2328	14785	0240	00060	4607
0075	0835	29941	541 B	2328	14789	0355	00134	4612

C-REF-NO 011	YR 1968	DEPTH 69	WAVES 1	XX	AIR T	VIS
CONS. NO 024	MONTH 12	MXSAMPD 00	WAVES 2	XX	WET B	STN 053
LAT 48-332N	DAY 10	NO.DPTH 6	WND-DIR		WW-CODE	
LON 122-450W	HR 20.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
200	0000	0840 B	29831		2319	14778
200	0005	0837	29812		2318	14777
200	0010	0840	29811		2317	14779
200	0020	0836	29809		2318	14779
200	0030	0839	29817		2318	14782
200	0050	0835	29832		2320	14784

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	29831		2319	14778	0000	00000	4693
0010	0840	29811		2317	14779	0047	00002	4707
0020	0836	29809		2318	14779	0094	00010	4705
0030	0839	29817		2318	14782	0142	00022	4704
0050	0835	29832		2320	14784	0236	00060	4690



C-REF-NO 011	YR 1968	DEPTH 82	WAVES 1	XX	AIR T	VIS
CONS. NO 025	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 052
LAT 48-389N	DAY 10	NO.DPTH 7	WND-DIR		WW-CODE	
LON 122-433W	HR 20.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
207	0000	0840 B	29802	557 B	2317	14777
207	0005	0849	29849	548 B	2319	14782
207	0010	0854	29857	544 B	2319	14785
207	0020	0850	29856	538 B	2320	14785
207	0030	0852	29861	540 B	2320	14787
207	0050	0852	29868	539 B	2320	14791
207	0075	0850	29870	539 B	2321	14794

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	29802	557 B	2317	14777	0000	00000	4714
0010	0854	29857	544 B	2319	14785	0047	00002	4692
0020	0850	29856	538 B	2320	14785	0094	00010	4689
0030	0852	29861	540 B	2320	14787	0141	00022	4689
0050	0852	29868	539 B	2320	14791	0235	00060	4686
0075	0850	29870	539 B	2321	14794	0353	00135	4685

C-REF-NO 011	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 026	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 051
LAT 48-467N	DAY 10	NO.DPTH 9	WND-DIR		WW-CODE	
LON 122-519W	HR 21.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
217	0000	0830 B	29936	557 B	2329	14775
217	0005	0851	29905	532 B	2323	14784
217	0010	0860	29924	554 B	2323	14788
217	0020	0856	29947	518 B	2326	14788
217	0030	0861	29968	520 B	2327	14792
217	0050	0861	30003	518 B	2329	14796
217	0075	0858	30020	546	2331	14799
217	0100	0858	30031	511 B	2332	14803
217	0150	0861	30035	511 B	2332	14813

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	29936	557 B	2329	14775	0000	00000	4601
0010	0860	29924	554 B	2323	14788	0046	00002	4652
0020	0856	29947	518 B	2326	14788	0093	00010	4631
0030	0861	29968	520 B	2327	14792	0139	00021	4622
0050	0861	30003	518 B	2329	14796	0232	00059	4600
0075	0858	30020	546	2331	14799	0347	00133	4585
0100	0858	30031	511 B	2332	14803	0462	00236	4580
0126	0859	30036	505 B	2332	14808	0577	00368	4581
0151	0861	30035	511 B	2332	14813	0693	00531	4588

C-REF-NO 011	YR 1968	DEPTH 26	WAVES 1	XX	AIR T	VIS
CONS. NO 027	MONTH 12	MXSAMPD 00	WAVES 2	XX	WET B	STN 050
LAT 48-577N	DAY 10	NO.DPTH 4	WND-DIR		WW-CODE	
LON 122-560W	HR 22.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
228	0000	0810 B	29251		2278	14759
228	0005	0789	29258		2281	14751
228	0010	0816	29298		2281	14763
228	0020	0835	29558		2298	14775

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0810 B	29251		2278	14759	0000	00000	5085
0010	0816	29298		2281	14763	0051	00003	5058
0020	0835	29558		2298	14775	0101	00010	4891

C-REF-NO 011	YR 1968	DEPTH 139	WAVES 1	XX	AIR T	VIS
CONS. NO 028	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 049
LAT 48-569N	DAY 10	NO.DPTH 8	WND-DIR		WW-CODE	
LON 122-596W	HR 23.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
233	0000	0830 B	29689	596 B	2309	14772
233	0005	0839	29683	572 B	2308	14776
233	0010	0849	29700	567 B	2308	14781
233	0020	0851	29822	545 B	2317	14785
233	0030	0854	29831	543 B	2317	14788
233	0050	0854	29842	543 B	2318	14791
233	0075	0853	29883	535 B	2321	14795
233	0100	0856	29899	531 B	2322	14801

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0830 B	29689	596 B	2309	14772	0000	00000	4785
0010	0849	29700	567 B	2308	14781	0048	00002	4802
0020	0851	29822	545 B	2317	14785	0096	00010	4715
0030	0854	29831	543 B	2317	14788	0143	00022	4714
0050	0854	29842	543 B	2318	14791	0238	00061	4709
0075	0853	29883	535 B	2321	14795	0356	00136	4680
0100	0856	29899	531 B	2322	14801	0473	00241	4675



C-REF-NO 011	YR 1968	DEPTH 227	WAVES 1	XX	AIR T	VIS
CONS. NO 029	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 048
LAT 48-518N	DAY 10	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-084W	HR 23.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
239	0000	0830 B	29679		2309	14772
239	0005	0838	29666		2306	14776
239	0010		29731			
239	0020	0852	29801		2315	14786
239	0030	0855	29808		2315	14789
239	0050	0858	29894		2321	14794
239	0075	0855	29980		2329	14798
239	0100	0854	29042		2255	14790
239	0150	0867 B	30102		2336	14817
239	0200	0864	30116		2338	14824

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0830 B	29679		2309	14772	0000	00000	4792
0010	0844	29731		2311	14780	0048	00002	4773
0020	0852	29801		2315	14785	0096	00010	4733
0030	0855	29808		2315	14788	0143	00022	4732
0050	0858	29894		2321	14793	0238	00061	4676
0075	0855	29980		2329	14797	0354	00135	4611
0100	0854	29042		2255	14789	0479	00248	5310
0125	0860	2957 I		2296	14802	0607	00395	4928
0151	0867 B	30102		2336	14816	0726	00562	4547
0176	0867	3010 I		2337	14820	0840	00751	4545
0201	0864	30116		2338	14823	0954	00970	4539

C-REF-NO 011	YR 1968	DEPTH 183	WAVES 1	XX	AIR T	VIS
CONS. NO 030	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 047
LAT 48-493N	DAY 11	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-064W	HR 00.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
005	0000	0840 B	29482		2292	14773
005	0005	0831	29483		2293	14770
005	0010	0838	29498		2293	14774
005	0020	0842	29566		2298	14778
005	0030	0854	29689		2306	14786
005	0050	0854	29728		2309	14790
005	0075	0854	29788		2314	14795
005	0100	0860	29957		2326	14803
005	0150	0886 B	30356		2353	14826

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0840 B	29482		2292	14773	0000	00000	4953
0010	0838	29498		2293	14774	0050	00003	4938
0020	0842	29566		2298	14778	0099	00010	4895
0030	0854	29689		2306	14786	0148	00023	4820
0050	0854	29728		2309	14790	0244	00062	4793
0075	0854	29788		2314	14795	0364	00139	4752
0100	0860	29957		2326	14803	0482	00244	4639
0125	0871	3014 B		2339	14814	0597	00376	4520
0151	0886 B	30356		2353	14826	0709	00533	4385

C-REF-NO 011	YR 1968	DEPTH 174	WAVES 1	XX	AIR T	VIS
CONS. NO 031	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 046
LAT 48-513N	DAY 11	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-107W	HR 01.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
011	0000	0780 B	29004	649 B	2263	14744
011	0005	0770	28929	644 B	2258	14740
011	0010	0808	29102	630 B	2267	14757
011	0020	0838	29473	575 B	2291	14775
011	0030	0847	29571	557 B	2298	14782
011	0050	0854	29677	543 B	2305	14789
011	0075	0813 B	29790	529 B	2320	14779
011	0100	0804	29995	507 B	2337	14782
011	0150		30298	463 B		

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0780 B	29004	649 B	2263	14744	0000	00000	5231
0010	0808	29102	630 B	2267	14757	0052	00003	5194
0020	0838	29473	575 B	2291	14775	0103	00010	4959
0030	0847	29571	557 B	2298	14782	0153	00023	4898
0050	0854	29677	543 B	2305	14789	0250	00063	4831
0075	0813 B	29790	529 B	2320	14779	0370	00139	4695
0100	0804	29995	507 B	2337	14782	0486	00243	4533
0125	0804	3015 B	485 B	2350	14788	0598	00372	4415

C-REF-NO 011	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 032	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 045
LAT 48-540N	DAY 11	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-084W	HR 01.6	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
016	0000	0720 B	29968	686 B	2346	14733
016	0005	0779	28528	625 B	2226	14738
016	0010	0806	28982	611 B	2257	14755
016	0020	0815	29306	596 B	2282	14764
016	0030	0833	29457	585 B	2291	14775
016	0050	0850	29625	545 B	2302	14787
016	0075	0862	29956	509 B	2326	14800
016	0100	0869	30109	488 B	2337	14809

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	29968	686 B	2346	14733	0000	00000	4434
0010	0806	28982	611 B	2257	14755	0049	00003	5281
0020	0815	29306	596 B	2282	14764	0101	00011	5053
0030	0833	29457	585 B	2291	14775	0151	00023	4964
0050	0850	29625	545 B	2302	14787	0249	00064	4864
0075	0862	29956	509 B	2326	14800	0369	00140	4639
0100	0869	30109	488 B	2337	14809	0484	00243	4538



C-REF-NO 011	YR 1968	DEPTH 121	WAVES 1	XX	AIR T	VIS
CONS. NO 033	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 044
LAT 48-568N	DAY 11	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-059W	HR 02.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
022	0000	0800 B	28242	636 B	2200	14742
022	0005	0807 B	29050	606 B	2263	14756
022	0010	0829	29197	585 B	2271	14767
022	0020	0833	29335	570 B	2281	14772
022	0030	0839	29372	569 B	2283	14776
022	0050	0859	29802	526 B	2314	14793
022	0075	0859 B	29999	516 B	2329	14799
022	0100	0868	30193	490	2343	14809

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0800 B	28242	636 B	2200	14742	0000	00000	5827
0010	0829	29197	585 B	2271	14767	0055	00003	5150
0020	0833	29335	570 B	2281	14772	0106	00010	5054
0030	0839	29372	569 B	2283	14776	0157	00023	5036
0050	0859	29802	526 B	2314	14793	0255	00063	4745
0075	0859 B	29999	516 B	2329	14799	0372	00138	4603
0100	0868	30193	490	2343	14809	0486	00240	4474

C-REF-NO 011	YR 1968	DEPTH 247	WAVES 1	XX	AIR T	VIS
CONS. NO 034	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 043
LAT 49-033N	DAY 11	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-224W	HR 03.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
033	0000	0790 B	26411		2059	14714
033	0005	0815	27703		2156	14741
033	0010	0838	28154		2188	14757
033	0020	0848	28474		2212	14767
033	0030		29324			
033	0050	0863	29949		2325	14798
033	0075	0862	29910		2322	14801
033	0100	0869	29025		2252	14796
033	0150	0911 B	30516		2362	14839
033	0200	0911	30854		2388	14852

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0790 B	26411		2059	14714	0000	00000	7185
0010	0838	28154		2188	14757	0066	00003	5942
0020	0848	28474		2212	14767	0124	00012	5717
0030	0855	29324		2277	14782	0178	00026	5094
0050	0863	29949		2325	14796	0276	00065	4643
0075	0862	29910		2322	14799	0393	00140	4672
0100	0869	29025		2252	14795	0519	00253	5345
0125	0890 B	2977 I		2307	14816	0646	00399	4824
0151	0911 B	30516		2362	14838	0761	00560	4303
0176	0915 B	3068 I		2375	14846	0868	00737	4189
0201	0911	30854		2388	14850	0971	00936	4060

C-REF-NO 011	YR 1968	DEPTH 322	WAVES 1	XX	AIR T	VIS
CONS. NO 035	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 042
LAT 49-018N	DAY 11	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-262W	HR 03.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
039	0000	0780 B	26610	656 B	2076	14713
039	0005	0810	27812	604 B	2166	14741
039	0010	0835	28182	594 B	2191	14756
039	0020	0881	28791	514 B	2232	14783
039	0030	0895	29231	477 B	2264	14796
039	0050	0911	29740	461 B	2302	14812
039	0075	0908 B	30003	454 B	2322	14818
039	0100	0905	30152	445 B	2335	14823
039	0150	0909	30574	384 B	2367	14838
039	0200	0909	30892	325 B	2392	14850
039	0250	0905	30975	318 B	2399	14858
039	0300	0905	31030	305 B	2403	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0780 B	26610	656 B	2076	14713	0000	00000	7023
0010	0835	28182	594 B	2191	14756	0065	00003	5917
0020	0881	28791	514 B	2232	14783	0122	00012	5525
0030	0895	29231	477 B	2264	14796	0176	00025	5220
0050	0911	29740	461 B	2302	14812	0277	00066	4866
0075	0908 B	30003	454 B	2322	14818	0397	00143	4668
0100	0905	30152	445 B	2335	14823	0513	00246	4558
0125	0906	3035 D	418 B	2350	14830	0625	00375	4409
0151	0909	30574	384 B	2367	14838	0734	00528	4257
0176	0909	3075 B	351 B	2381	14844	0839	00703	4128
0201	0909	30892	325 B	2392	14850	0942	00900	4028
0226	0907	3095 C	319 B	2396	14854	1043	01119	3937
0251	0905	30975	318 B	2399	14858	1143	01362	3968
0301	0905	31030	305 B	2403	14867	1341	01921	3935

C-REF-NO 011	YR 1968	DEPTH 212	WAVES 1	XX	AIR T	VIS
CONS. NO 036	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 041
LAT 49-003N	DAY 11	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-300W	HR 04.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
047	0000	0770 B	26514		2069	14708
047	0005	0823	27441		2135	14741
047	0010	0849	28311		2199	14763
047	0020	0866	28719		2229	14777
047	0030	0882	29275		2270	14791
047	0050	0879	29774		2309	14800
047	0075	0882	29967		2324	14808
047	0100	0885	30144		2337	14815
047	0150	0916 B	30589		2367	14841
047	0200	0913	30757		2380	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0770 B	26514		2069	14708	0000	00000	7084
0010	0849	28311		2199	14763	0065	00003	5839
0020	0866	28719		2229	14777	0122	00012	5558
0030	0882	29275		2270	14791	0176	00025	5168
0050	0879	29774		2309	14800	0276	00066	4795
0075	0882	29967		2324	14808	0394	00141	4658
0100	0885	30144		2337	14815	0510	00244	4534
0125	0901 B	3036 I		2352	14828	0622	00373	4395
0151	0916 B	30589		2367	14841	0730	00526	4256
0176	0918	30703		2376	14847	0836	00702	4179
0201	0913	30757		2380	14850	0941	00902	4134



C-REF-NO 011	YR 1968	DEPTH 128	WAVES 1	XX	AIR T	VIS
CONS. NO 037	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 040
LAT 49-086N	DAY 11	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-369W	HR 05.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
057	0000	0680 B	22984		1804	14626
057	0005	0676	24218		1901	14641
057	0010	0826	27433		2134	14743
057	0020	0878	28726		2227	14781
057	0030	0893	28954		2243	14791
057	0050	0912	29569		2288	14810
057	0075	0916	29829		2308	14819
057	0100	0925	30294		2343	14832

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	22984		1804	14626	0000	00000	9640
0010	0826	27433		2134	14743	0081	00003	6465
0020	0878	28726		2227	14781	0141	00012	5570
0030	0893	28954		2243	14791	0196	00026	5422
0050	0912	29569		2288	14810	0300	00069	4994
0075	0916	29829		2308	14819	0424	00147	4810
0100	0925	30294		2343	14832	0540	00251	4482

C-REF-NO 011	YR 1968	DEPTH 391	WAVES 1	XX	AIR T	VIS
CONS. NO 038	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 039
LAT 49-097N	DAY 11	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-330W	HR 06.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
064	0000	0720 B	23973	718 B	1877	14655
064	0005	0677	23511	716 B	1845	14633
064	0010	0782	26306	639 B	2052	14711
064	0020	0867	28407	514 B	2204	14773
064	0030		29123	448 B		
064	0050	0916	29583	404	2289	14813
064	0075	0921	29901	403	2313	14823
064	0100	0926	30231	386	2338	14833
064	0150	0921	30589	366 B	2366	14844
064	0200	0908	30807	333 B	2385	14850
064	0250	0899	30902	321 B	2394	14856
064	0300	0902	30997	313 B	2401	14867

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	23973	718 B	1877	14655	0000	00000	8936
0010	0782	26306	639 B	2052	14711	0081	00004	7253
0020	0867	28407	514 B	2204	14773	0146	00013	5793
0030	0883 I	29123	448 B	2258	14790	0202	00027	5282
0050	0916	29583	404	2289	14811	0305	00069	4989
0075	0921	29901	403	2313	14822	0427	00147	4763
0100	0926	30231	386	2338	14832	0544	00251	4530
0125	0925	3044 D	376	2354	14838	0656	00379	4374
0151	0921	30589	366 B	2366	14843	0764	00532	4263
0176	0915	30714	349 B	2377	14846	0870	00708	4166
0201	0908	30807	333 B	2385	14849	0974	00907	4090
0226	0902	3086 B	325 B	2390	14851	1076	01129	4044
0251	0899	30902	321 B	2394	14855	1177	01375	4013
0301	0902	30997	313 B	2401	14865	1378	01939	3955

C-REF-NO 011	YR 1968	DEPTH 300	WAVES 1	XX	AIR T	VIS
CONS. NO 039	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 038
LAT 49-119N	DAY 11	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-263W	HR 07.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
073	0000	0720 B	24807		1942	14666
073	0005	0704	24397		1912	14655
073	0010	0741	25352		1982	14683
073	0020	0861	28155		2185	14767
073	0030	0894	28953		2243	14792
073	0050	0916	29580		2288	14811
073	0075	0915	30015		2322	14821
073	0100	0922	30238		2339	14830
073	0150	0922	30640		2370	14844
073	0200	0907	30910		2393	14850
073	0250	0903	30963		2398	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	24807		1942	14666	0000	00000	8308
0010	0741	25352		1982	14683	0081	00004	7921
0020	0861	28155		2185	14767	0151	00014	5973
0030	0894	28953		2243	14792	0208	00029	5425
0050	0916	29580		2288	14811	0312	00071	4992
0075	0915	30015		2322	14821	0434	00148	4670
0100	0922	30238		2339	14830	0549	00251	4518
0125	0924	30451		2355	14838	0661	00379	4367
0151	0922	30640		2370	14844	0769	00530	4227
0176	0915	30797		2383	14847	0873	00704	4103
0201	0907	30910		2393	14850	0975	00900	4013
0226	0904	30962		2398	14853	1076	01118	3974
0251	0903	30963		2398	14857	1175	01361	3974

C-REF-NO 011	YR 1968	DEPTH 223	WAVES 1	XX	AIR T	VIS
CONS. NO 040	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 037
LAT 49-136N	DAY 11	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-206W	HR 08.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT .	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
081	0000	0630 B	20399		1606	14573
081	0005	0766	25354		1979	14692
081	0010	0808	27029		2105	14731
081	0020	0886	28760		2229	14785
081	0030	0901	29135		2256	14797
081	0050	0911	29564		2288	14809
081	0075	0926	29950		2316	14824
081	0100	0928	30184		2334	14832
081	0150	0919 B	30645		2371	14843
081	0200	0907	30941		2396	14850

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0630 B	20399		1606	14573	0000	00000	11550
0010	0808	27029		2105	14731	0091	00003	6744
0020	0886	28760		2229	14785	0153	00013	5556
0030	0901	29135		2256	14797	0207	00026	5300
0050	0911	29564		2288	14809	0311	00068	4997
0075	0926	29950		2316	14824	0433	00146	4735
0100	0928	30184		2334	14832	0550	00250	4566
0125	0925	3042 B		2353	14838	0662	00379	4387
0151	0919 B	30645		2371	14843	0770	00531	4218
0176	0914	30812		2385	14847	0875	00704	4091
0201	0907	30941		2396	14850	0976	00899	3989



C-REF-NO 011	YR 1968	DEPTH 168	WAVES 1	XX	AIR T	VIS
CONS. NO 041	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 036
LAT 49-190N	DAY 11	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-200W	HR 08.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
088	0000	0780 B	26392	636 B	2059	14710
088	0005	0769	26326	562 B	2055	14706
088	0010	0836	24330	617 B	1890	14707
088	0020	0834	28288	563	2199	14759
088	0030		29148	458		
088	0050	0910	29627	427 B	2293	14811
088	0075	0877 B	29837	458	2314	14806
088	0100	0894	30079	453 B	2331	14819
088	0150	0911	30413	395 B	2354	14838

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0780 B	26392	636 B	2059	14710	0000	00000	7187
0010	0836	24330	617 B	1890	14707	0080	00004	8803
0020	0834	28288	563	2199	14759	0153	00015	5838
0030	0859 I	29148	458	2263	14781	0209	00029	5231
0050	0910	29627	427 B	2293	14810	0311	00070	4948
0075	0877 B	29837	458	2314	14804	0433	00148	4749
0100	0894	30079	453 B	2331	14818	0550	00252	4595
0125	0902 B	30266	433 B	2344	14827	0664	00383	4472
0151	0911	30413	395 B	2354	14837	0775	00539	4379

C-REF-NO 011	YR 1968	DEPTH 241	WAVES 1	XX	AIR T	VIS
CONS. NO 042	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 035
LAT 49-239N	DAY 11	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-174W	HR 09.6	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
096	0000	0730 B	25016	669 B	1957	14673
096	0005	0737	25060	651 B	1960	14677
096	0010	0774	25819	617 B	2015	14702
096	0020	0849	28053	540 B	2179	14761
096	0030	0899	29321	457 B	2271	14798
096	0050	0899	29779	461	2306	14808
096	0075	0897	29943	470	2319	14813
096	0100	0905	30075	435 B	2329	14822
096	0150	0914	30531	339 B	2363	14839
096	0200	0909	30845	321 B	2388	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	25016	669 B	1957	14673	0000	00000	8162
0010	0774	25819	617 B	2015	14702	0079	00004	7609
0020	0849	28053	540 B	2179	14761	0147	00014	6033
0030	0899	29321	457 B	2271	14798	0203	00028	5158
0050	0899	29779	461	2306	14808	0303	00069	4319
0075	0897	29943	470	2319	14813	0423	00145	4698
0100	0905	30075	435 B	2329	14822	0540	00249	4615
0125	0911	3030 I	384 B	2345	14831	0654	00380	4458
0151	0914	30531	339 B	2363	14839	0764	00534	4296
0176	0913	30701	322 B	2376	14845	0870	00711	4173
0201	0909	30845	321 B	2388	14849	0974	00910	4064

C-REF-NO 011	YR 1968	DEPTH 238	WAVES 1	XX	AIR T	VIS
CONS. NO 043	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 034
LAT 49-305N	DAY 11	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-197W	HR 10.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
105	0000	0710 B	24142	636	1891	14653
105	0005	0736	24449	642 B	1912	14669
105	0010	0779	25687	605 B	2004	14702
105	0020	0847	27862	530 B	2164	14758
105	0030	0912	29307	438 B	2268	14803
105	0050	0923	29835	408 B	2307	14817
105	0075	0920	30036	389 B	2323	14823
105	0100	0923	30153	355 B	2332	14830
105	0150	0907 B	30562	326	2366	14837
105	0200	0904	30870	295 B	2391	14848

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	24142	636	1891	14653	0000	00000	8797
0010	0779	25687	605 B	2004	14702	0083	00004	7714
0020	0847	27862	530 B	2164	14758	0152	00014	6173
0030	0912	29307	438 B	2268	14803	0209	00028	5187
0050	0923	29835	408 B	2307	14817	0309	00069	4813
0075	0920	30036	389 B	2323	14823	0428	00145	4663
0100	0923	30153	355 B	2332	14830	0544	00249	4584
0125	0916 B	3035 I	337 B	2349	14834	0658	00378	4425
0151	0907 B	30562	326	2366	14837	0767	00532	4263
0176	0904	30724	310	2379	14842	0872	00707	4143
0201	0904	30870	295 B	2391	14848	0975	00904	4037

C-REF-NO 011	YR 1968	DEPTH 168	WAVES 1	XX	AIR T	VIS
CONS. NO 044	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 033
LAT 49-325N	DAY 11	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-163W	HR 11.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
111	0000	0630 B	21163	704 B	1666	14582
111	0005	0776	24737	625 B	1930	14688
111	0010	0780	25736	619 B	2007	14703
111	0020	0840	27643	520 B	2148	14753
111	0030	0910	29398	447 B	2275	14804
111	0050	0919 B	29854	400 B	2309	14816
111	0075	0915 B	29989	398 B	2320	14820
111	0100	0921	30182	381 B	2334	14829
111	0150	0913	30592	340 B	2368	14840

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0630 B	21163	704 B	1666	14582	0000	00000	10970
0010	0780	25736	619 B	2007	14703	0093	00004	7679
0020	0840	27643	520 B	2148	14753	0163	00014	6327
0030	0910	29398	447 B	2275	14804	0221	00029	5117
0050	0919 B	29854	400 B	2309	14816	0320	00069	4793
0075	0915 B	29989	398 B	2320	14820	0439	00145	4690
0100	0921	30182	381 B	2334	14829	0555	00248	4558
0125	0919	30380	362 B	2350	14835	0668	00378	4412
0151	0913	30592	340 B	2368	14840	0777	00530	4249



C-REF-NO 011	YR 1968	DEPTH 229	WAVES 1	XX	AIR T	VIS
CONS. NO 045	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 032
LAT 49-387N	DAY 11	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-144W	HR 11.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
119	0000	0660 B	20590	663 B	1618	14588
119	0005	0781	24933	657 B	1944	14693
119	0010	0826	26124	497 B	2032	14726
119	0020	0876	28250	478 B	2191	14774
119	0030		29336	329 B		
119	0050	0915	29765	345	2303	14815
119	0075	0905	29981	324 B	2321	14818
119	0100	0882	30160	244 B	2339	14816
119	0150	0877 B	30251	141	2346	14823
119	0200	0870	30257	085	2348	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0660 B	20590	663 B	1618	14588	0000	00000	11434
0010	0826	26124	497 B	2032	14726	0094	00004	7445
0020	0876	28250	478 B	2191	14774	0161	00014	5922
0030	0901 B	29336	329 B	2272	14800	0217	00028	5150
0050	0915	29765	345	2303	14813	0317	00068	4853
0075	0905	29981	324 B	2321	14816	0437	00144	4681
0100	0882	30160	244 B	2339	14814	0552	00247	4517
0125	0876 B	3023 D	185 B	2345	14817	0665	00377	4459
0151	0877 B	30251	141	2346	14822	0777	00534	4449
0176	0873	30268	107	2348	14824	0888	00720	4434
0201	0870	30257	085	2348	14827	1000	00934	4441

C-REF-NO 011	YR 1968	DEPTH 225	WAVES 1	XX	AIR T	VIS
CONS. NO 046	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 031
LAT 49-314N	DAY 11	NO.DPTH 10	WND-DIR		WW-CODE	
LON 123-271W	HR 13.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
123	0000	0710 B	24048	641 B	1884	14652
123	0005	0753	24851	625 B	1941	14680
123	0010	0790	25692	596 B	2003	14707
123	0020	0870	27650	498 B	2145	14764
123	0030	0932	29339	389 B	2267	14811
123	0050	0931	29800	382 B	2303	14820
123	0075	0922 B	29986	379 B	2319	14823
123	0100	0920	30096	342 B	2328	14828
123	0150	0888 B	30602	307 B	2372	14830
123	0200	0894	30855	263 B	2391	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0710 B	24048	641 B	1884	14652	0000	00000	8868
0010	0790	25692	596 B	2003	14707	0083	00004	7724
0020	0870	27650	498 B	2145	14764	0154	00014	6362
0030	0932	29339	389 B	2267	14811	0211	00029	5192
0050	0931	29800	382 B	2303	14820	0312	00070	4850
0075	0922 B	29986	379 B	2319	14823	0432	00146	4703
0100	0920	30096	342 B	2328	14828	0549	00251	4622
0125	0904 B	3034 I	322 B	2350	14829	0663	00381	4412
0151	0888 B	30602	307 B	2372	14830	0771	00533	4205
0176	0887 B	3075 B	285 B	2384	14836	0875	00706	4097
0201	0894	30855	263 B	2391	14844	0977	00902	4035

C-REF-NO 011	YR 1968	DEPTH 249	WAVES 1	XX	AIR T	VIS
CONS. NO 047	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 030
LAT 49-253N	DAY 11	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-223W	HR 14.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
143	C000	0650 B	24055		1891	14628
143	0005	0702	24657		1932	14658
143	C010	0744	25049		1958	14680
143	0020	0878	24629		1908	14729
143	C030		25312			
143	0050	0916	29724		2300	14815
143	0075	0909 B	29984		2321	14820
143	0100	0902	30074		2329	14822
143	0150	0924	30480		2357	14844

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0650 B	24055		1891	14628	0000	00000	8800
0010	0744	25049		1958	14680	0085	00004	8152
0020	0878	24629		1908	14729	0169	00017	8632
0030	0891 I	25312		1960	14744	0253	00038	8138
0050	0916	29724		2300	14813	0383	00088	4885
0075	0909 B	29984		2321	14818	0503	00165	4684
0100	0902	30074		2329	14821	0620	00269	4611
0125	0908	3025 D		2342	14829	0734	00400	4438
0150	0924	30480		2357	14842	0845	00556	4349

C-REF-NO 011	YR 1968	DEPTH 176	WAVES 1	XX	AIR T	VIS
CONS. NO 048	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 029
LAT 49-235N	DAY 11	NO.DPTH 9	WND-DIR		WW-CODE	
LON 123-253W	HR 14.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
149	0000	0690 B	24506	692 B	1922	14650
149	0005	0726	24842	668 B	1944	14670
149	0010	0756	25427	631 B	1986	14690
149	0020	0850	27603	509 B	2144	14756
149	0030	0924	29238	418 B	2260	14807
149	0050	0910	29724	431 B	2300	14811
149	0075	0903	29944	448	2319	14815
149	0100	0906	30104	407 B	2331	14823
149	0150	0922 B	30363	360 B	2348	14840

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	24506	692 B	1922	14650	0000	00000	8502
0010	0756	25427	631 B	1986	14690	0082	00004	7882
0020	0850	27603	509 B	2144	14756	0153	00015	6371
0030	0924	29238	418 B	2260	14807	0212	00029	5256
0050	0910	29724	431 B	2300	14811	0313	00070	4876
0075	0903	29944	448	2319	14815	0434	00147	4706
0100	0906	30104	407 B	2331	14823	0550	00251	4595
0125	0912	30246	382 B	2341	14831	0664	00382	4501
0151	0922 B	30363	360 B	2348	14840	0777	00540	4433



C-REF-NO 011	YR 1968	DEPTH 333	WAVES 1	XX	AIR T	VIS
CONS. NO 049	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 079
LAT 49-174N	DAY 11	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-349W	HR 15.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
159	0000	0670 B	24310		1909	14639
159	0005	0690	24367		1911	14649
159	0010	0716	24694		1934	14664
159	0020	0812	27012		2103	14734
159	0030	0901	28961		2242	14795
159	0050	0891	29828		2311	14805
159	0075	0897	30020		2325	14814
159	0100	0893	30172		2338	14818
159	0150	0915	30586		2367	14840
159	0200	0911	30861		2389	14850
159	0250	0901	30976		2399	14856
159	0300	0901	31046		2405	14865

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	24310		1909	14639	0000	00000	8628
0010	0716	24694		1934	14664	0085	00004	8388
0020	0812	27012		2103	14734	0161	00015	6763
0030	0901	28961		2242	14795	0222	00031	5428
0050	0891	29828		2311	14805	0324	00072	4772
0075	0897	30020		2325	14814	0442	00147	4641
0100	0893	30172		2338	14818	0558	00250	4525
0125	0903 B	3037 D		2352	14829	0669	00378	4390
0151	0915	30586		2367	14840	0778	00531	4257
0176	0915	30742		2379	14846	0884	00706	4145
0201	0911	30861		2389	14850	0987	00904	4055
0226	0906	3093 B		2395	14853	1088	01124	3999
0251	0901	30976		2399	14856	1188	01367	3962
0301	0901	31046		2405	14865	1386	01925	3918

C-REF-NO 011	YR 1968	DEPTH 134	WAVES 1	XX	AIR T	VIS
CONS. NO 050	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 028
LAT 49-241N	DAY 11	NO.DPTH 8	WND-DIR		WW-CODE	
LON 123-454W	HR 17.0	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
170	0000	0690 B	24801		1945	14654
170	0005	0708	24907		1951	14663
170	0010	0721	24992		1956	14670
170	0020	0830 B	27447		2134	14746
170	0030	0910	29143		2255	14800
170	0050	0910	29786		2305	14812
170	0075	0899	30026		2326	14815
170	0100	0904	30174		2336	14823

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	24801		1945	14654	0000	00000	8279
0010	0721	24992		1956	14670	0082	00004	8169
0020	0830 B	27447		2134	14746	0155	00015	6461
0030	0910	29143		2255	14800	0214	00030	5306
0050	0910	29786		2305	14812	0316	00071	4830
0075	0899	30026		2326	14815	0435	00146	4640
0100	0904	30174		2336	14823	0550	00249	4539

C-REF-NO 011	YR 1968	DEPTH 375	WAVES 1	XX	AIR T	VIS
CONS. NO 051	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 027
LAT 49-190N	DAY 11	NO.DPTH 12	WND-DIR		WW-CODE	
LON 123-481W	HR 17.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
177	0000	0670 B	23390	729 B	1837	14627
177	0005	0736 B	25271	671 B	1976	14679
177	0010	0825	27244	598 B	2119	14740
177	0020	0870	28124	541 B	2182	14770
177	0030	0905	28999	463 B	2245	14797
177	0050	0927	29707	395 B	2297	14817
177	0075	0929 B	30056	377 B	2323	14827
177	0100		30275	367 B		
177	0150	0927 B	30621	350 B	2368	14849
177	0200	0906	30814	323 B	2386	14852
177	0250	0895	30956	318 B	2399	14858
177	0300	0898	31013	307 B	2403	14868

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	23390	729 B	1837	14627	0000	00000	9323
0010	0825	27244	598 B	2119	14740	0080	00003	6604
0020	0870	28124	541 B	2182	14770	0143	00013	6009
0030	0905	28999	463 B	2245	14797	0200	00027	5406
0050	0927	29707	395 B	2297	14817	0304	00069	4913
0075	0929 B	30056	377 B	2323	14827	0424	00146	4661
0100	0931 B	30275	367 B	2340	14834	0539	00248	4504
0125	0930 B	30465	355 B	2355	14840	0650	00376	4367
0151	0927 B	30621	350 B	2368	14845	0758	00528	4250
0176	0917	3073 B	336 B	2378	14847	0864	00704	4157
0201	0906	30814	323 B	2386	14848	0968	00902	4082
0226	0899	30893	319 B	2393	14850	1069	01123	4016
0251	0895	30956	318 B	2399	14854	1170	01367	3969
0301	0898	31013	307 B	2403	14864	1369	01927	3938



C-REF-NO 011	YR 1968	DEPTH 258	WAVES 1	XX	AIR T	VIS
CONS. NO 052	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 026
LAT 49-142N	DAY 11	NO.DPTH 11	WND-DIR		WW-CODE	
LON 123-508W	HR 18.5	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
185	0000	0640 B	26972		2121	14661
185	0005	0790	27538		2147	14730
185	0010	0833	27837		2164	14751
185	0020	0896	28741		2226	14788
185	0030	0902	29208		2261	14798
185	0050	0921	29702		2297	14815
185	0075	0916	29928		2315	14820
185	0100	0915	30206		2337	14827
185	0150	0922	30513		2360	14842
185	0200	0912	30751		2380	14849
185	0250	0898	30937		2397	14855

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0640 B	26972		2121	14661	0000	00000	6590
0010	0833	27837		2164	14751	0064	00003	6172
0020	0896	28741		2226	14788	0123	00012	5584
0030	0902	29208		2261	14798	0177	00026	5247
0050	0921	29702		2297	14815	0279	00067	4909
0075	0916	29928		2315	14820	0400	00144	4735
0100	0915	30206		2337	14827	0516	00248	4532
0125	0919	3038 0		2351	14835	0629	00377	4409
0151	0922	30513		2360	14842	0738	00531	4321
0176	0918	30640		2371	14846	0846	00710	4226
0201	0912	30751		2380	14849	0951	00911	4138
0226	0906	30851		2389	14852	1054	01135	4058
0251	0898	30937		2397	14855	1155	01381	3987



C-REF-NO 011	YR 1968	DEPTH 296	WAVES 1	XX	AIR T	VIS
CONS. NO 053	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 025
LAT 49-276N	DAY 11	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-075W	HR 20.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
202	0000	0740 B	26353		2061	14694
202	0005	0765	26584		2075	14707
202	0010	0777	26748		2087	14715
202	0020	0786	27022		2107	14724
202	0030	0793	27122		2114	14729
202	0050	0917	29500		2282	14811
202	0075	0919 B	29991		2320	14822
202	0100	0918	30229		2339	14829
202	0150	0919	30482		2358	14840
202	0200	0898	30779		2384	14844
202	0250	0892	30902		2395	14852

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0740 B	26353		2061	14694	0000	00000	7168
0010	0777	26748		2087	14715	0071	00004	6916
0020	0786	27022		2107	14724	0139	00014	6723
0030	0793	27122		2114	14729	0206	00031	6657
0050	0917	29500		2282	14811	0323	00077	5053
0075	0919 B	29991		2320	14822	0446	00155	4694
0100	0918	30229		2339	14829	0561	00258	4519
0125	0920	3035 I		2348	14835	0674	00387	4432
0151	0919	30482		2358	14840	0784	00542	4340
0176	0909	3063 C		2372	14843	0891	00720	4213
0201	0898	30779		2384	14844	0996	00921	4096
0226	0894	30858		2391	14848	1098	01143	4035
0251	0892	30902		2395	14852	1199	01388	4003

C-REF-NO 011	YR 1968	DEPTH 435	WAVES 1	XX	AIR T	VIS
CONS. NO 054	MONTH 12	MXSAMPD 04	WAVES 2	XX	WET B	STN 024
LAT 49-304N	DAY 11	NO.DPTH 13	WND-DIR		WW-CODE	
LON 124-060W	HR 20.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
208	0000	0730 B	26251	689 B	2054	14688
208	0005	0730	26208	682 B	2050	14689
208	0010	0760	26373	668 B	2060	14704
208	0020	0777	26919	654 B	2100	14719
208	0030		27229	649 B		
208	0050	0922	29722	401	2298	14817
208	0075	0906	30078	440 B	2329	14820
208	0100		30294	398 B		
208	0150	0918	30519	350 B	2361	14845
208	0200	0905	30824	318 B	2387	14852
208	0250	0893	30990	302 B	2402	14857
208	0300	0898	31052	305 B	2406	14868
208	0400	0899	31105	302 B	2410	14886

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	26251	689 B	2054	14688	0000	00000	7233
0010	0760	26373	668 B	2060	14704	0072	00004	7177
0020	0777	26919	654 B	2100	14719	0142	00014	6788
0030	0825 I	27229	649 B	2118	14743	0209	00031	6618
0050	0922	29722	401	2298	14816	0325	00077	4895
0075	0906	30078	440 B	2329	14818	0444	00152	4610
0100	0907 C	30294	398 B	2345	14825	0558	00254	4455
0125	0911 C	3040 I	370 B	2353	14832	0669	00382	4381
0151	0918	30519	350 B	2361	14841	0778	00535	4311
0176	0912	3067 C	332 B	2374	14845	0885	00712	4191
0201	0905	30824	318 B	2387	14848	0989	00911	4074
0226	0898	30922	308 B	2396	14850	1090	01132	3993
0251	0893	30990	302 B	2402	14853	1190	01374	3940
0301	0898	31052	305 B	2406	14864	1387	01930	3909
0402	0899	31105	302 B	2410	14882	1779	03335	3885

C-REF-NO 011	YR 1968	DEPTH 320	WAVES 1	XX	AIR T	VIS
CONS. NO 055	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 023
LAT 49-352N	DAY 11	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-096W	HR 21.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
217	0000	0720 B	26282		2057	14685
217	0005	0724	26289		2057	14687
217	0010	0768	26709		2085	14711
217	0020	0766	26970		2106	14715
217	0030	0795	27341		2131	14733
217	0050	0925	29698		2296	14816
217	0075	0919	30109		2329	14823
217	0100	0922	30292		2343	14831
217	0150	0915	30544		2364	14840
217	0200	0897	30795		2386	14844
217	0250	0894	30997		2402	14854
217	0300	0895	31028		2404	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	26282		2057	14685	0000	00000	7198
0010	0768	26709		2085	14711	0071	00004	6935
0020	0766	26970		2106	14715	0139	00014	6737
0030	0795	27341		2131	14733	0206	00031	6496
0050	0925	29698		2296	14816	0320	00076	4918
0075	0919	30109		2329	14823	0440	00152	4607
0100	0922	30292		2343	14831	0554	00254	4478
0125	0920	3042 B		2354	14836	0665	00381	4379
0151	0915	30544		2364	14840	0774	00534	4288
0176	0906	30673		2375	14842	0880	00711	4182
0201	0897	30795		2386	14844	0984	00910	4084
0226	0894	3091 B		2395	14849	1085	01131	3998
0251	0894	30997		2402	14854	1185	01373	3936
0301	0895	31028		2404	14863	1383	01930	3921



C-REF-NO 011	YR 1968	DEPTH 357	WAVES 1	XX	AIR T	VIS
CONS. NO 056	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 022
LAT 49-402N	DAY 11	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-163W	HR 22.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
226	0000	0730 B	25809		2019	14683
226	0005	0736	25994		2033	14688
226	0010	0758	26790		2092	14708
226	0020	0773	27064		2112	14719
226	0030	0810	27771		2162	14744
226	0050	0922	29849		2308	14817
226	0075	0920 B	30081		2327	14823
226	0100	0920 B	30248		2340	14830
226	0150	0920	30512		2360	14841
226	0200	0886	30765		2385	14840
226	0250	0885	30937		2399	14850
226	0300	0893	31025		2404	14862

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	25809		2019	14683	0000	00000	7565
0010	0758	26790		2092	14708	0072	00004	6862
0020	0773	27064		2112	14719	0140	00014	6675
0030	0810	27771		2162	14744	0204	00030	6193
0050	0922	29849		2308	14817	0315	00074	4800
0075	0920 B	30081		2327	14823	0433	00149	4629
0100	0920 B	30248		2340	14830	0548	00252	4508
0125	0922 B	30386		2350	14836	0660	00380	4412
0151	0920	30512		2360	14841	0769	00534	4319
0176	0903 B	30644		2373	14841	0877	00712	4201
0201	0886	30765		2385	14840	0981	00912	4089
0226	0883	30861		2393	14844	1083	01133	4017
0251	0885	30937		2399	14850	1183	01377	3967
0301	0893	31025		2404	14862	1381	01935	3921



C-REF-NO 011	YR 1968	DEPTH 333	WAVES 1	XX	AIR T	VIS
CONS. NO 057	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 021
LAT 49-438N	DAY 11	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-221W	HR 23.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
234	0000	0730 B	25916		2028	14684
234	0005	0732	26151		2046	14689
234	0010	0751	26508		2071	14702
234	0020	0769	26935		2102	14716
234	0030	0866	28936		2245	14781
234	0050	0922	29913		2313	14818
234	0075	0924 B	30143		2331	14826
234	0100	0925	30323		2345	14832
234	0150	0916 B	30543		2363	14840
234	0200	0889	30776		2386	14841
234	0250	0886	30950		2400	14850
234	0300	0888	31014		2404	14860

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	25916		2028	14684	0000	00000	7485
0010	0751	26508		2071	14702	0073	00004	7065
0020	0769	26935		2102	14716	0142	00014	6766
0030	0866	28936		2245	14781	0203	00029	5398
0050	0922	29913		2313	14818	0305	00070	4752
0075	0924 B	30143		2331	14826	0422	00145	4589
0100	0925	30323		2345	14832	0536	00246	4460
0125	0923	3044 C		2355	14837	0647	00374	4370
0151	0916 B	30543		2363	14840	0755	00527	4291
0176	0902 B	30662		2375	14840	0862	00704	4185
0201	0889	30776		2386	14841	0966	00903	4084
0226	0886	30874		2394	14845	1068	01124	4011
0251	0886	30950		2400	14850	1168	01368	3958
0301	0888	31014		2404	14860	1366	01925	3922

C-REF-NO 011	YR 1968	DEPTH 307	WAVES 1	XX	AIR T	VIS
CONS. NO 058	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 020
LAT 49-472N	DAY 12	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-323W	HR 00.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
004	0000	0690 B	25594	700 B	2007	14664
004	0005	0740	26210	678	2049	14693
004	0010	0768	26564	668 B	2074	14709
004	0020	0768	27015	671	2109	14717
004	0030	0778	27249	655 B	2126	14725
004	0050	0931	29915	377	2312	14821
004	0075	0930 B	30170	371 B	2332	14828
004	0100	0929	30296	356	2342	14834
004	0150	0913	30586	315 B	2367	14839
004	0200	0876	30789	280	2389	14836
004	0250	0879	30915	281 B	2398	14847
004	0300	0882	30973	270	2402	14857

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0690 B	25594	700 B	2007	14664	0000	00000	7682
0010	0768	26564	668 B	2074	14709	0074	00004	7043
0020	0768	27015	671	2109	14717	0143	00014	6705
0030	0778	27249	655 B	2126	14725	0209	00031	6543
0050	0931	29915	377	2312	14821	0322	00075	4764
0075	0930 B	30170	371 B	2332	14828	0440	00150	4578
0100	0929	30296	356	2342	14834	0553	00252	4485
0125	0923	3044 B	336	2354	14838	0665	00379	4371
0151	0913	30586	315 B	2367	14839	0773	00532	4254
0176	0893 B	30698	295	2379	14838	0878	00707	4146
0201	0876	30789	280	2389	14836	0982	00905	4056
0226	0875	30861	279	2394	14841	1083	01125	4005
0251	0879	30915	281 B	2398	14847	1183	01369	3975
0301	0882	30973	270	2402	14857	1382	01929	3943

C-REF-NO 011	YR 1968	DEPTH 265	WAVES 1	XX	AIR T	VIS
CONS. NO 059	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 019
LAT 50-011N	DAY 12	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-528W	HR 02.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 193	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
022	0000	0730 B	26730		2091	14695
022	0005	0756	26743		2089	14706
022	0010	0778	26833		2093	14717
022	0020	0799	27246		2123	14732
022	0030	0835	28036		2180	14757
022	0050	0851	28872		2243	14778
022	0075	0896	29918		2318	14812
022	0100		30233			
022	0150	0877 B	30450		2362	14828
022	0200	0865	30542		2371	14833
022	0250	0863	30580		2374	14841

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	26730		2091	14695	0000	00000	6873
0010	0778	26833		2093	14717	0069	00004	6854
0020	0799	27246		2123	14732	0136	00014	6571
0030	0835	28036		2180	14757	0199	00030	6028
0050	0851	28872		2243	14778	0314	00076	5428
0075	0896	29918		2318	14812	0441	00156	4715
0100	0902 D	30233		2341	14823	0557	00259	4494
0125	0883 I	3034 I		2353	14821	0668	00387	4389
0151	0877 B	30450		2362	14824	0778	00541	4302
0176	0870	30507		2367	14826	0885	00719	4253
0201	0865	30542		2371	14829	0992	00924	4225
0226	0863	30569		2373	14833	1097	01154	4204
0251	0863	30580		2374	14837	1203	01411	4199

C-REF-NO 011	YR 1968	DEPTH 146	WAVES 1	XX	AIR T	VIS
CONS. NO 060	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 018
LAT 49-592N	DAY 12	NO.DPTH 8	WND-DIR		WW-CODE	
LON 124-589W	HR 02.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
029	0000	0720 B	26753		2094	14691
029	0005	0744	26903		2103	14703
029	0010	0764	27112		2117	14715
029	0020	0799	27845		2170	14739
029	0030	0817	28174		2193	14752
029	0050	0850	28715		2231	14775
029	0075	0900	29920		2317	14814
029	0100		30256			

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	26753		2094	14691	0000	00000	6845
0010	0764	27112		2117	14715	0067	00003	6627
0020	0799	27845		2170	14739	0131	00013	6123
0030	0817	28174		2193	14752	0192	00028	5901
0050	0850	28715		2231	14775	0306	00075	5544
0075	0900	29920		2317	14814	0435	00156	4720
0100	0900	30256		2343	14822	0551	00259	4474



C-REF-NO 011	YR 1968	DEPTH 256	WAVES 1	XX	AIR T	VIS
CONS. NO 061	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 017
LAT 49-588N	DAY 12	NO.DPTH 10	WND-DIR		WW-CODE	
LON 125-041W	HR 03.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
034	0000	0700 B	27068		2121	14687
034	0005	0742	27196		2126	14706
034	0010	0773	27437		2141	14722
034	0020	0807	27855		2169	14743
034	0030	0814	28082		2186	14750
034	0050	0831	28570		2222	14766
034	0075	0881	29580		2294	14802
034	0100	0924 C	30311		2344	14832
034	0150	0914 B	30577		2366	14840
034	0200	0904	30700		2377	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	27068		2121	14687	0000	00000	6585
0010	0773	27437		2141	14722	0065	00003	6395
0020	0807	27855		2169	14743	0128	00013	6126
0030	0814	28082		2186	14750	0188	00028	5966
0050	0831	28570		2222	14766	0305	00075	5626
0075	0881	29580		2294	14802	0437	00159	4946
0100	0924 C	30311		2344	14832	0555	00264	4466
0125	0927 D	3044 I		2354	14839	0666	00392	4376
0151	0914 B	30577		2366	14840	0775	00544	4262
0176	0911 B	3067 D		2374	14844	0881	00720	4190
0201	0904	30700		2377	14846	0986	00922	4164

C-REF-NO 011	YR 1968	DEPTH 165	WAVES 1	XX	AIR T	VIS
CONS. NO 062	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 016
LAT 49-572N	DAY 12	NO.DPTH 9	WND-DIR		WW-CODE	
LON 125-074W	HR 03.9	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
039	0000	0770 B	28043	625 B	2189	14727
039	0005	0802	28104	604 B	2189	14741
039	0010	0821	28272	573 B	2200	14752
039	0020	0822	28406	561 B	2210	14756
039	0030	0836	28567	543 B	2221	14765
039	0050	0845	28773	511 B	2236	14774
039	0075	0853	29117	467 B	2261	14786
039	0100		29904	382 B		
039	0150	0912 B	30507		2361	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0770 B	28043	625 B	2189	14727	0000	00000	5937
0010	0821	28272	573 B	2200	14752	0059	00003	5831
0020	0822	28406	561 B	2210	14756	0117	00012	5733
0030	0836	28567	543 B	2221	14765	0174	00026	5633
0050	0845	28773	511 B	2236	14774	0286	00072	5494
0075	0853	29117	467 B	2261	14786	0420	00158	5250
0100	0868	29904	382 B	2321	14805	0545	00268	4689
0125	0887	3020 I	382 B	2341	14821	0660	00401	4495
0151	0912 B	30507		2361	14838	0771	00556	4311

C-REF-NO 011	YR 1968	DEPTH 134	WAVES 1	XX	AIR T	VIS
CONS. NO 063	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 015
LAT 49-516N	DAY 12	NO.DPTH 8	WND-DIR		WW-CODE	
LON 125-014W	HR 04.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
047	0000	0720 B	27225		2131	14697
047	0005	0748	27191		2125	14709
047	0010	0763	27216		2125	14716
047	0020	0811	27886		2171	14745
047	0030	0826	28271		2199	14757
047	0050	0846	28718		2231	14774
047	0075	0899	29867		2313	14813
047	0100	0912	30446		2356	14829

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	27225		2131	14697	0000	00000	6490
0010	0763	27216		2125	14716	0065	00003	6548
0020	0811	27886		2171	14745	0129	00013	6108
0030	0826	28271		2199	14757	0189	00028	5840
0050	0846	28718		2231	14774	0303	00075	5536
0075	0899	29867		2313	14813	0432	00156	4757
0100	0912	30446		2356	14829	0546	00257	4350

C-REF-NO 011	YR 1968	DEPTH 316	WAVES 1	XX	AIR T	VIS
CONS. NO 064	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 014
LAT 49-529N	DAY 12	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-594W	HR 05.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
052	0000	0720 B	27227	692 B	2131	14697
052	0005	0750	27223	684 B	2127	14710
052	0010	0783	27368	663 B	2134	14725
052	0020	0798	27667	641 B	2156	14737
052	0030	0827	28283	576 B	2200	14758
052	0050	0843	28673	522 B	2228	14772
052	0075	0911 B	29922	371 B	2316	14818
052	0100	0911	30320	345 B	2347	14827
052	0150	0918	30325	359	2346	14838
052	0200	0911	30579	341 B	2367	14847
052	0250	0904	30684	329 B	2376	14854
052	0300	0902	30736	326 B	2381	14862

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	27227	692 B	2131	14697	0000	00000	6488
0010	0783	27368	663 B	2134	14725	0065	00003	6459
0020	0798	27667	641 B	2156	14737	0129	00013	6255
0030	0827	28283	576 B	2200	14758	0189	00028	5833
0050	0843	28673	522 B	2228	14772	0303	00075	5565
0075	0911 B	29922	371 B	2316	14818	0433	00156	4733
0100	0911	30320	345 B	2347	14827	0548	00259	4442
0125	0915	3032 I	348 B	2346	14833	0659	00387	4448
0151	0918	30325	359	2346	14838	0771	00544	4455
0176	0915	3045 I	352	2356	14843	0882	00728	4361
0201	0911	30579	341 B	2367	14847	0990	00936	4265
0226	0907	3064 B	334 B	2373	14850	1097	01168	4213
0251	0904	30684	329 B	2376	14854	1202	01424	4183
0301	0902	30736	326 B	2381	14862	1412	02014	4149



C-REF-NO 011	YR 1968	DEPTH 243	WAVES 1	XX	AIR T	VIS
CONS. NO 065	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 013
LAT 49-553N	DAY 12	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-554W	HR 05.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
059	0000	0730 B	26918		2106	14697
059	0005	0734	26935		2107	14700
059	0010	0755	27253		2129	14713
059	0020	0772	27450		2142	14724
059	0030	0809	27759		2162	14744
059	0050	0861	28930		2246	14782
059	0075	0912 B	29972		2319	14819
059	0100	0922	30296		2343	14831
059	0150	0915 B	30548		2364	14840
059	0200	0905	30673		2375	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	26918		2106	14697	0000	00000	6732
0010	0755	27253		2129	14713	0066	00003	6511
0020	0772	27450		2142	14724	0131	00013	6385
0030	0809	27759		2162	14744	0194	00029	6200
0050	0861	28930		2246	14782	0310	00076	5398
0075	0912 B	29972		2319	14819	0437	00156	4698
0100	0922	30296		2343	14831	0552	00258	4475
0125	0921	3042 I		2353	14836	0663	00386	4384
0151	0915 B	30548		2364	14840	0772	00539	4285
0176	0911	30631		2371	14843	0879	00717	4221
0201	0905	30673		2375	14846	0985	00919	4185

C-REF-NO 011	YR 1968	DEPTH 366	WAVES 1	XX	AIR T.	VIS
CONS. NO 066	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 012
LAT 49-437N	DAY 12	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-405W	HR 07.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
073	0000	0730 B	26845	701 B	2100	14696
073	0005	0755	27068	684 B	2115	14710
073	0010	0774	27290	668 B	2130	14721
073	0020	0776	27418	663 B	2139	14725
073	0030		27521	652 B		
073	0050	0903	29502	403 B	2284	14807
073	0075	0915	30024	377 B	2323	14822
073	0100	0923	30268	377 B	2341	14833
073	0150	0922	30522	355 B	2361	14844
073	0200	0912	30682	331 B	2375	14850
073	0250	0904	30737	325 B	2380	14856
073	0300	0899	30763	320 B	2383	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	26845	701 B	2100	14696	0000	00000	6787
0010	0774	27290	668 B	2130	14721	0067	00003	6506
0020	0776	27418	663 B	2139	14725	0131	00013	6414
0030	0818 I	27521	652 B	2142	14744	0195	00030	6390
0050	0903	29502	403 B	2284	14806	0310	00075	5031
0075	0915	30024	377 B	2323	14821	0432	00152	4663
0100	0923	30268	377 B	2341	14831	0547	00255	4498
0125	0924	3042 C	368 B	2353	14838	0658	00383	4390
0151	0922	30522	355 B	2361	14842	0763	00537	4315
0176	0917	30614	342 B	2369	14846	0875	00715	4244
0201	0912	30682	331 B	2375	14849	0981	00919	4189
0226	0908	30718	327 B	2378	14851	1086	01147	4159
0251	0904	30737	325 B	2380	14854	1190	01400	4143
0301	0899	30763	320 B	2383	14861	1398	01985	4124

C-REF-NO 011	YR 1968	DEPTH 311	WAVES 1	XX	AIR T	VIS
CONS. NO 067	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 011
LAT 49-425N	DAY 12	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-034W	HR 08.0	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
080	0000	0730 B	27256		2132	14701
080	0005	0743	27191		2126	14707
080	0010	0754	27239		2128	14712
080	0020	0776	27340		2133	14724
080	0030	0779	27381		2136	14727
080	0050	0854	28436		2208	14773
080	0075	0914 B	30012		2322	14820
080	0100	0924	30324		2345	14832
080	0150	0918	30605		2368	14842
080	0200	0908	30707		2377	14847
080	0250	0903	30742		2381	14854

TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	27256		2132	14701	0000	00000	6479
0010	0754	27239		2128	14712	0065	00003	6520
0020	0776	27340		2133	14724	0130	00013	6473
0030	0779	27381		2136	14727	0195	00030	6445
0050	0854	28436		2208	14773	0317	00079	5757
0075	0914 B	30012		2322	14820	0448	00161	4671
0100	0924	30324		2345	14832	0563	00263	4457
0125	0923	3050 D		2359	14838	0673	00390	4326
0151	0918	30605		2368	14842	0781	00541	4247
0176	0913	3067 B		2374	14845	0887	00717	4194
0201	0908	30707		2377	14847	0992	00919	4165
0226	0905	30735		2380	14851	1096	01146	4142
0251	0903	30742		2381	14854	1200	01399	4138



C-REF-NO 011	YR 1968	DEPTH 101	WAVES 1	XX	AIR T	VIS
CONS. NO 068	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 010
LAT 49-408N	DAY 12	NO.DPTH 7	WND-DIR		WW-CODE	
LON 124-473W	HR 08.7	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARC		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
087	0000	0700 B	27131		2126	14688
087	0005	0747	27123		2120	14707
087	0010	0770	27247		2127	14719
087	0020	0787	27531		2147	14731
087	0030		27871			
087	0050	0851	28875		2243	14779
087	0075	0911	29937		2317	14820

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0700 B	27131		2126	14688	0000	00000	6537
0010	0770	27247		2127	14719	0065	00003	6534
0020	0787	27531		2147	14731	0130	00013	6343
0030	0807	27871		2171	14744	0192	00029	6113
0050	0851	28875		2243	14778	0308	00076	5425
0075	0911	29937		2317	14818	0435	00156	4722



C-REF-NO 011	YR 1968	DEPTH 168	WAVES 1	XX	AIR T	VIS
CONS. NO 069	MONTH 12	MXSAMPD 01	WAVES 2	XX	WET B	STN 009
LAT 49-355N	DAY 12	NO.DPTH 9	WND-DIR		WW-CODE	
LON 124-383W	HR 09.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
096	0000	0720 B	26898	698 B	2106	14693
096	0005	0739	26883	684 B	2102	14701
096	0010	0743	26878	679 B	2101	14703
096	0020	0765	27192	669 B	2123	14718
096	0030	0779	27520	631 B	2147	14729
096	0050	0841	28537	542 B	2218	14769
096	0075	0911 B	29798	385 B	2306	14816
096	0100	0921	30223	360 B	2338	14830
096	0150	0918 B	30609	338 B	2368	14842

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	PCT.EN	SVA
0000	0720 B	26898	698 B	2106	14693	0000	00000	6736
0010	0743	26878	679 B	2101	14703	0068	00003	6778
0020	0765	27192	669 B	2123	14718	0135	00014	6569
0030	0779	27520	631 B	2147	14729	0199	00030	6341
0050	0841	28537	542 B	2218	14769	0320	00079	5664
0075	0911 B	29798	385 B	2306	14816	0451	00161	4826
0100	0921	30223	360 B	2338	14830	0569	00266	4528
0125	0927 B	3041 I	337 C	2352	14838	0681	00395	4397
0151	0918 B	30609	338 B	2368	14842	0789	00547	4244

C-REF-NO 011	YR 1968	DEPTH 344	WAVES 1	XX	AIR T	VIS
CONS. NO 070	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 008
LAT 49-393N	DAY 12	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-329W	HR 10.5	W-COLOR	WND-SPD		CLO-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLO-AMT	FW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
105	0000	0720 B	27024		2115	14694
105	0005	0740	27038		2114	14703
105	0010	0753	27108		2118	14710
105	0020	0767	27223		2125	14719
105	0030	0799	27608		2151	14738
105	0050	0900	29484		2283	14804
105	0075	0916 B	30111		2330	14822
105	0100	0920	30305		2344	14830
105	0150	0921 B	30563		2364	14842
105	0200	0910	30713		2378	14848
105	0250	0904	30754		2382	14855
105	0300	0901	30771		2383	14862

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	27024		2115	14694	0000	00000	6641
0010	0753	27108		2118	14710	0066	00003	6617
0020	0767	27223		2125	14719	0132	00013	6549
0030	0799	27608		2151	14738	0197	00030	6301
0050	0900	29484		2283	14804	0310	00075	5040
0075	0916 B	30111		2330	14822	0431	00152	4601
0100	0920	30305		2344	14830	0545	00253	4466
0125	0922	30452		2355	14837	0656	00381	4364
0151	0921 B	30563		2364	14842	0765	00533	4284
0176	0916	30652		2372	14846	0872	00711	4214
0201	0910	30713		2378	14848	0977	00913	4163
0226	0906	30742		2380	14851	1081	01139	4139
0251	0904	30754		2382	14855	1185	01392	4131
0301	0901	30771		2383	14862	1393	01976	4121

C-REF-NO 011	YR 1968	DEPTH 347	WAVES 1	XX	AIR T	VIS
CONS. NO 071	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 007
LAT 49-344N	DAY 12	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-241W	HR 11.4	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
114	0000	0720 B	26733		2093	14691
114	0005	0732	26699		2089	14696
114	0010	0739	26709		2088	14700
114	0020	0794	27541		2147	14734
114	0030	0807	27903		2173	14745
114	0050	0898	29606		2293	14805
114	0075	0921 B				
114	0100	0916				
114	0150	0922				
114	0200	0914	30668		2373	14865
114	0250	0906	30744		2381	14871
114	0300	0902	30774		2383	14879

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	26733		2093	14691	0000	00000	6859
0010	0739	26709		2088	14700	0069	00004	6900
0020	0794	27541		2147	14734	0135	00014	6345
0030	0807	27903		2173	14745	0198	00029	6091
0050	0898	29606		2293	14805	0308	00073	4946
0075	0921 B	2978 I		2303	14820	0431	00152	4852
0100	0916	2996 I		2318	14824	0551	00259	4716
0125	0919	3013 I		2331	14832	0668	00393	4592
0151	0922	3031 I		2345	14839	0782	00553	4469
0176	0919	3049 I		2359	14845	0893	00737	4337
0201	0914	30668		2373	14849	1000	00942	4202
0226	0910	3071 B		2378	14852	1105	01171	4163
0251	0906	30744		2381	14855	1209	01425	4142
0301	0902	30774		2383	14862	1417	02009	4121

C-REF-NO 011	YR 1968	DEPTH 192	WAVES 1	XX	AIR T	VIS
CONS. NO 072	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 006
LAT 49-306N	DAY 12	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-322W	HR 12.1	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
121	0000	0730 B	27520	685 B	2153	14705
121	0005	0737	27458	671 B	2147	14708
121	0010	0814	27928	612 B	2174	14745
121	0020	0838	28255	572 B	2196	14760
121	0030	0859	28740	482 B	2231	14776
121	0050	0876	29305	439 B	2273	14793
121	0075	0902	29739	391 B	2303	14812
121	0100	0911	29997	375 B	2322	14823
121	0150	0921 B	30603	364 B	2367	14843
121	0175	0916	30673	350 B	2373	14846

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	27520	685 B	2153	14705	0000	00000	6281
0010	0814	27928	612 B	2174	14745	0062	00003	6080
0020	0838	28255	572 B	2196	14760	0122	00012	5868
0030	0859	28740	482 B	2231	14776	0179	00027	5535
0050	0876	29305	439 B	2273	14793	0286	00070	5139
0075	0902	29739	391 B	2303	14812	0412	00150	4857
0100	0911	29997	375 B	2322	14823	0531	00257	4682
0125	0918 B	3030 I	369 B	2344	14834	0646	00389	4471
0151	0921 B	30603	364 B	2367	14843	0756	00542	4253
0176	0916	30673	350 B	2373	14846	0862	00719	4198



C-REF-NO 011	YR 1968	DEPTH 320	WAVES 1	XX	AIR T	VIS
CONS. NO 073	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 005
LAT 49-275N	DAY 12	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-307W	HR 12.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
128	0000	0680 B	26564		2084	14672
128	0005	0720	26644		2086	14690
128	0010	0732	26746		2092	14697
128	0020	0798	27708		2159	14737
128	0030		28354			
128	0050	0858	28727		2230	14780
128	0075	0886	29450		2283	14804
128	0100	0918	30214		2337	14830
128	0150	0921 B	30624		2369	14845
128	0200	0909	30787		2383	14850
128	0250	0894	30912		2395	14854
128	0300	0889	30984		2402	14862

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	26564		2084	14672	0000	00000	6941
0010	0732	26746		2092	14697	0069	00004	6864
0020	0798	27708		2159	14737	0135	00013	6224
0030	0831 C	28354		2205	14760	0195	00029	5786
0050	0858	28727		2230	14778	0309	00075	5545
0075	0886	29450		2283	14802	0441	00159	5050
0100	0918	30214		2337	14828	0562	00266	4530
0125	0926 B	3041 I		2352	14838	0674	00394	4393
0151	0921 B	30624		2369	14843	0782	00547	4238
0176	0916	3072 C		2377	14846	0888	00722	4161
0201	0909	30787		2383	14849	0991	00921	4106
0226	0901	30855		2390	14851	1094	01144	4048
0251	0894	30912		2395	14853	1195	01390	3998
0301	0889	30984		2402	14860	1395	01952	3945

C-REF-NO 011	YR 1968	DEPTH 29	WAVES 1	XX	AIR T	VIS
CONS. NO 074	MONTH 12	MXSAMPD 00	WAVES 2	XX	WET B	STN 078
LAT 49-396N	DAY 12	NO.DPTH 4	WND-DIR		WW-CODE	
LON 124-558W	HR 14.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
148	0000	0790 B	27496		2144	14728
148	0005	0807	27273		2124	14733
148	0010	0797	27426		2137	14732
148	0020	0887	27896		2161	14774

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0790 B	27496		2144	14728	0000	00000	6372
0010	0797	27426		2137	14732	0064	00003	6433
0020	0887	27896		2161	14774	0127	00013	6202

C-REF-NO 011	YR 1968	DEPTH 75	WAVES 1	XX	AIR T	VIS
CONS. NO 075	MONTH 12	MXSAMPD 00	WAVES 2	XX	WET B	STN 077
LAT 49-286N	DAY 12	NO.DPTH 6	WND-DIR		WW-CODE	
LON 124-454W	HR 15.9	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
159	0000	0730 B	26643		2084	14693
159	0005	0775	26739		2086	14713
159	0010	0782	26689		2082	14716
159	0020	0815	27575		2146	14742
159	0030	0837	27935		2171	14757
159	0050	0854	28376		2204	14772

\*TIME-DISTANCE CHECK FAILED

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0730 B	26643		2084	14693	0000	00000	6939
0010	0782	26689		2082	14716	0070	00004	6967
0020	0815	27575		2146	14742	0136	00014	6346
0030	0837	27935		2171	14757	0199	00029	6106
0050	0854	28376		2204	14772	0318	00078	5802

C-REF-NO 011	YR 1968	DEPTH 335	WAVES 1	XX	AIR T	VIS
CONS. NO 076	MONTH 12	MXSAMPD 03	WAVES 2	XX	WET B	STN 003
LAT 49-266N	DAY 12	NO.DPTH 12	WND-DIR		WW-CODE	
LON 124-202W	HR 17.6	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
176	0000	0720 B	26821	684 B	2100	14692
176	0005	0733	26787	671 B	2095	14697
176	0010	0773	26941	669 B	2102	14716
176	0020	0804	27390	633 B	2133	14736
176	0030		27785	618 B		
176	0050	0900	29371	423 B	2274	14804
176	0075	0921 B	30060	393 B	2325	14825
176	0100	0923	30297	375 B	2343	14833
176	0150	0922	30620	349 B	2368	14845
176	0200	0906	30808	324 B	2386	14849
176	0250	0894	30970	316 B	2400	14855
176	0300	0893	31029	300 B	2405	14864

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0720 B	26821	684 B	2100	14692	0000	00000	6793
0010	0773	26941	669 B	2102	14716	0068	00003	6767
0020	0804	27390	633 B	2133	14736	0134	00014	6470
0030	0840 B	27785	618 B	2159	14756	0198	00030	6222
0050	0900	29371	423 B	2274	14803	0312	00075	5124
0075	0921 B	30060	393 B	2325	14824	0434	00153	4647
0100	0923	30297	375 B	2343	14831	0549	00255	4475
0125	0924	30479	361 B	2357	14838	0659	00382	4345
0151	0922	30620	349 B	2368	14843	0767	00534	4243
0176	0915	3072 B	335 B	2378	14846	0873	00709	4159
0201	0906	30808	324 B	2386	14848	0976	00908	4086
0226	0899	30897	319 B	2394	14850	1078	01129	4013
0251	0894	30970	316 B	2400	14854	1178	01372	3956
0301	0893	31029	300 B	2405	14862	1376	01930	3918



C-REF-NO 011	YR 1968	DEPTH 347	WAVES 1	XX	AIR T	VIS
CONS. NO 077	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 004
LAT 49-243N	DAY 12	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-219W	HR 18.3	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
183	0000	0680 B	26545		2083	14672
183	0005	0730	26616		2082	14694
183	0010	0766	26785		2091	14711
183	0020	0797	27620		2152	14736
183	0030	0808	27821		2167	14744
183	0050	0888	29023		2249	14794
183	0075	0905	29755		2304	14814
183	0100	0919				
183	0150	0919 B	30613		2368	14846
183	0200	0902	30843		2389	14851
183	0250	0890	30947		2399	14856

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0680 B	26545		2083	14672	0000	00000	6955
0010	0766	26785		2091	14711	0069	00004	6875
0020	0797	27620		2152	14736	0135	00013	6289
0030	0808	27821		2167	14744	0198	00029	6153
0050	0888	29023		2249	14794	0313	00076	5366
0075	0905	29755		2304	14814	0441	00157	4849
0100	0919	3004 I		2324	14827	0561	00263	4660
0125	0922	3032 I		2346	14836	0675	00395	4457
0151	0919 B	30613		2368	14842	0784	00548	4243
0176	0911	3075 B		2380	14845	0890	00723	4132
0201	0902	30843		2389	14847	0992	00920	4054
0226	0896	30915		2395	14849	1094	01140	3996
0251	0890	30947		2399	14852	1194	01383	3966

C-REF-NO 011	YR 1968	DEPTH 245	WAVES 1	XX	AIR T	VIS
CONS. NO 078	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 001
LAT 49-204N	DAY 12	NO.DPTH 10	WND-DIR		WW-CODE	
LON 124-121W	HR 19.2	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
192	0000	0670 B	26512		2081	14668
192	0005	0707	26484		2075	14683
192	0010	0748	26659		2083	14702
192	0020	0823	27715		2156	14747
192	0030		28245			
192	0050	0889	29089		2254	14797
192	0075	0902	29640		2295	14813
192	0100	0909	30192		2337	14826
192	0150	0918 B	30618		2369	14843
192	0200	0906	30802		2385	14849

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	26512		2081	14668	0000	00000	6969
0010	0748	26659		2083	14702	0070	00004	6948
0020	0823	27715		2156	14747	0136	00013	6252
0030	0861 D	28245		2192	14770	0197	00029	5907
0050	0889	29089		2254	14795	0309	00074	5318
0075	0902	29640		2295	14811	0438	00156	4931
0100	0909	30192		2337	14825	0557	00262	4534
0125	0915	3040 I		2353	14834	0669	00390	4388
0151	0918 B	30618		2369	14842	0777	00542	4238
0176	0914	3074 B		2380	14846	0882	00717	4140
0201	0906	30802		2385	14848	0986	00915	4091

C-REF-NO 011	YR 1968	DEPTH 274	WAVES 1	XX	AIR T	VIS
CONS. NO 079	MONTH 12	MXSAMPD 02	WAVES 2	XX	WET B	STN 002
LAT 49-240N	DAY 12	NO.DPTH 11	WND-DIR		WW-CODE	
LON 124-094W	HR 19.8	W-COLOR	WND-SPD		CLD-TPE	
MARSD SQ 157	C/I 1815	W-TRNSP	BARO		CLD-AMT	HW

## O B S E R V E D

GMT	DEPTH	T E M P	S A L	OXYGEN	SGMT	SOUND
198	0000	0670 B	26314	707 B	2066	14665
198	0005	0708	26303	689 B	2060	14681
198	0010	0761	26600	679 B	2077	14707
198	0020	0789	27386	649 B	2135	14730
198	0030	0815	27838	621 B	2167	14747
198	0050	0894	29335	433 B	2273	14800
198	0075	0914 B	29962	407 B	2318	14820
198	0100	0911	30272	423	2343	14827
198	0150		30593	353		
198	0200	0902	30855	321 B	2390	14855
198	0250	0898	30985	312 B	2401	14863

## I N T E R P O L A T E D

PRESS	T E M P	S A L	OXYGEN	SGMT	SOUND	DELTA-D	POT.EN	SVA
0000	0670 B	26314	707 B	2066	14665	0000	00000	7117
0010	0761	26600	679 B	2077	14707	0071	00004	7008
0020	0789	27386	649 B	2135	14730	0138	00014	6454
0030	0815	27838	621 B	2167	14747	0201	00030	6150
0050	0894	29335	433 B	2273	14800	0315	00075	5143
0075	0914 B	29962	407 B	2318	14820	0438	00153	4708
0100	0911	30272	423	2343	14827	0553	00256	4476
0125	0908	3043 I	394 C	2356	14832	0664	00384	4357
0151	0906	30593	353	2369	14837	0772	00535	4238
0176	0904	30736	333	2380	14842	0878	00710	4133
0201	0902	30855	321 B	2390	14847	0980	00907	4046
0226	0900	30935	313 B	2396	14851	1081	01126	3988
0251	0898	30985	312 B	2401	14855	1181	01369	3951















BINDING SECT.

JUN 8 1971



